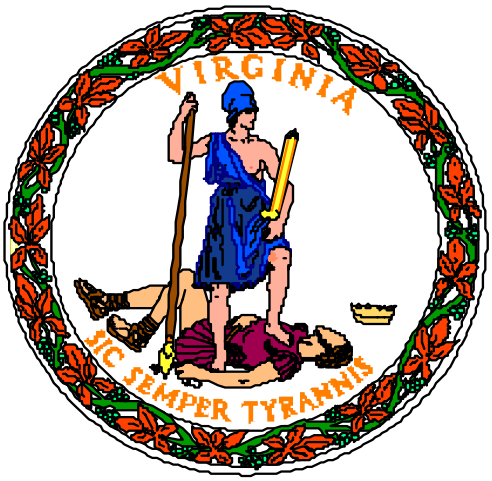
2006 ANNUAL REPORT SUMMARY OF SURVEILLANCE DATA FOR VIRGINIA CHILDREN WITH ELEVATED BLOOD LEAD LEVELS



VDH VIRGINIA DEPARTMENT OF HEALTH

OFFICE OF EPIDEMIOLOGY
DIVISION OF ENVIRONMENTAL EPIDEMIOLOGY

2006 ANNUAL REPORT
SUMMARY OF SURVEILLANCE DATA
FOR
VIRGINIA CHILDREN
WITH ELEVATED BLOOD LEAD LEVELS

VDH VIRGINIA DEPARTMENT OF HEALTH

Protecting You and Your Environment

VIRGINIA DEPARTMENT OF HEALTH
109 GOVERNOR STREET
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INTRODUCTION

The summary of 2006 surveillance data for Virginia children reported with elevated blood lead levels is presented in this thirteenth annual report. The report includes all data submitted to the Virginia Department of Health, Office of Epidemiology, for any child age 15 years or younger, with an elevated blood lead level of greater than or equal to 10 micrograms per deciliter (µg/dL). The data include newly reported cases for 2006, as well as comparative summary data for 2004 and 2005.

Lead is a naturally occurring metal found in the earth's crust, and has historically been deposited into the environment by the burning of fossil fuels, mining activities, and various manufacturing processes. The primary source of lead for children continues to be from exposure to deteriorated paint used in homes built before 1978. In addition to chewing on objects painted with lead paint, children can be exposed by ingesting contaminated dust, soil, or water; by consuming food or water from glassware or pottery purchased or brought from countries using lead in glazes; by eating many popular ethnic candies containing lead; or by using traditional Hispanic, Indian, and Middle Eastern folk remedies which contain lead as an ingredient. Lead can be very dangerous to young children even at low levels. While there are often no outward symptoms, lead can damage a child's central nervous system, cause learning disabilities and behavior problems, and lead to muscle weakness, hearing damage, or anemia.

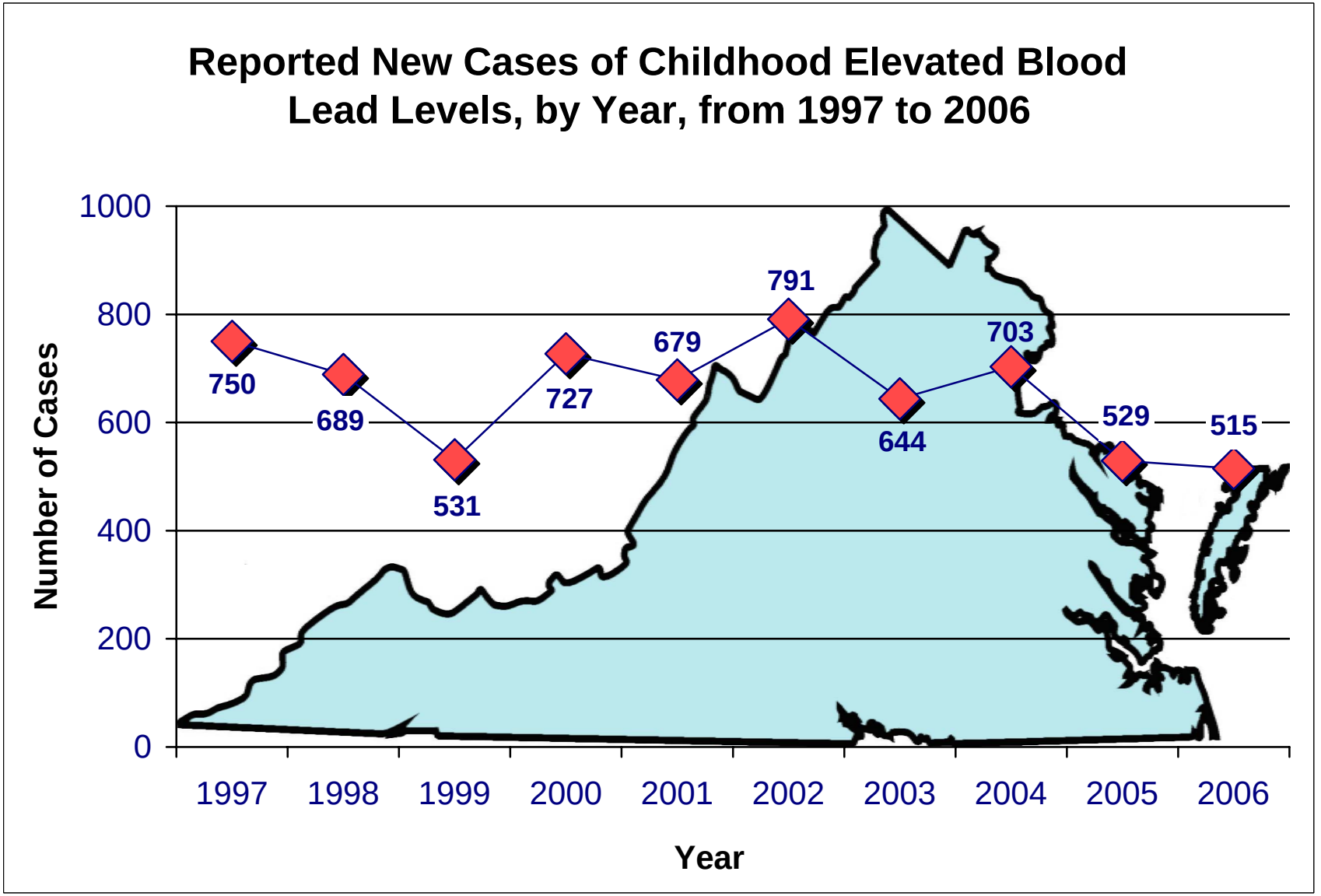
An elevated blood lead level in children is a reportable condition in Virginia as stated in the *Regulations for Disease Reporting and Control*. The Office of Epidemiology is responsible for gathering and tracking information on these children, and maintaining the statewide database. Reports are received from various sources including laboratories, hospitals, physicians, and local health departments. By gathering the information in a centralized location, the data can be closely scrutinized for accuracy and completeness, and duplicate records can be eliminated. It can then be analyzed and disseminated to local health departments and public health personnel. This is an incidence database. Therefore, a child is counted only once based on the date of the initial elevated blood lead report. Any follow-up test results are noted within the existing initial record, including data from different reporting years. Information is continually updated for each child as new reports are received.

The data in this report are divided into two sections. The first section encompasses statewide statistics, while the second section specifically addresses each health district. In the statewide data, tables and graphs are utilized to compare cases by race, sex, and age over a three-year period. Cases are also compared by ranges of reported blood lead levels. These ranges are defined within the Centers for Disease Control and Prevention (CDC) lead guidelines, and provide a tiered approach to case management. Additionally, total cases are shown in tables for each locality, health district, and region in the state. Population figures provided in this report are taken from results of Census Bureau 2005 estimates and are used to calculate number of cases and incidence rate per 100,000 children. These figures included estimates for fifteen year-olds for the first time in this report. Although no cases for children of age 15 were reported during 2006, the inclusion of these estimates allows for a better interpretation of incidence rates among the population covered by the lead surveillance regulations. Incidence rates may appear to be slightly lower in those localities or jurisdictions with a higher number of fifteen year-olds in their respective populations. Evaluations of data are also provided to explain the source of reports (laboratory, physician, or hospital), the address status (home versus screening facility),

the test type utilized for screening (venous, capillary, or unknown), and the frequencies of repeated or follow-up testing. The second section of the report includes individual health district data. A comparison is made by race, sex, and range of elevated lead levels for each district. Tables are utilized for those districts with less than ten reported cases, whereas full color graphs are utilized in districts with ten or more cases. Where applicable, a frequency of cases by locality is shown for each district. There are also district counts of "health department patient" versus "non-health department patient". Please note, in 2006 the Hanover Health District changed its name to the Chickahominy Health District. This district still encompasses the same geographic areas.

Missing data elements for children within each report have decreased, but continue to be a concern. Laboratories submitted ninety-two percent of the initial screening reports during 2006. Unfortunately, these same laboratories did not always provide complete data. The major missing variables include race (unknown = 22%), blood test type (unknown = 6%), and home address (unknown = 1%). The majority of children (92%) received their initial screening by a private physician as opposed to health department staff. As in previous years, assistance from local health departments helped reduce the number of missing elements in the data. Specifically, the work of public health nurses and lead program coordinators is recognized and greatly appreciated in contacting individual physicians for additional information.

This annual report is intended to be a useful resource when addressing concerns about childhood lead exposure in Virginia. Your suggestions for the use of the data or the manner in which it is presented are always appreciated. Additional copies of the report can be obtained by visiting the Office of Epidemiology web site at www.vdh.virginia.gov/epidemiology/ and then clicking on the Division of Environmental Epidemiology, and following the link to publications. *(Due to the merger of the Division of Zoonotic and Environmental Epidemiology and the Division of Public Health Toxicology, the web page contents are undergoing change. Please call the number below if you have difficulty finding the correct links*). Should you have any questions concerning the data, please contact Lala Wilson, Virginia Department of Health, Division of Environmental Epidemiology, by telephone at (804) 864-8184 or by email at lala.wilson@vdh.virginia.gov.

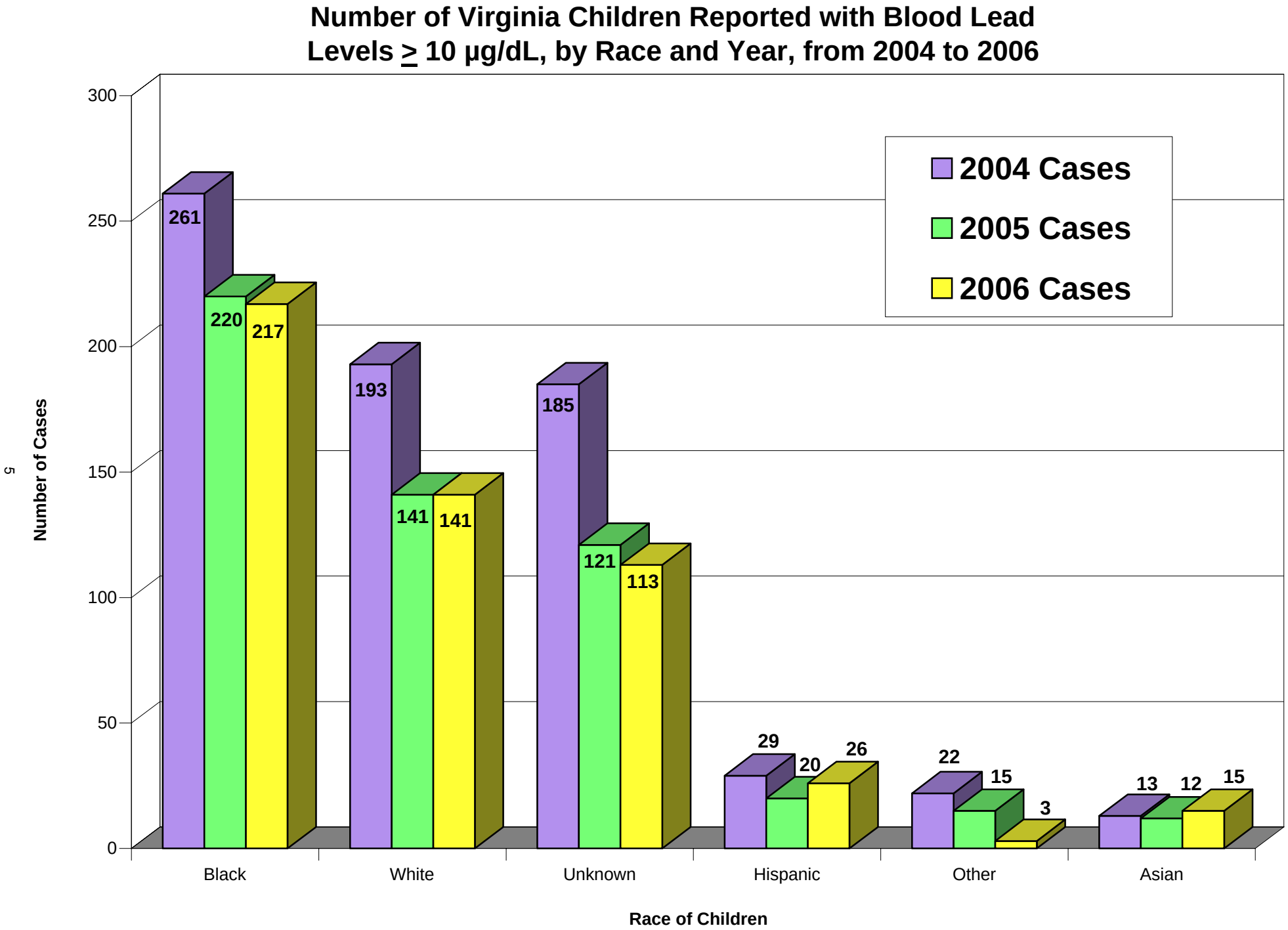


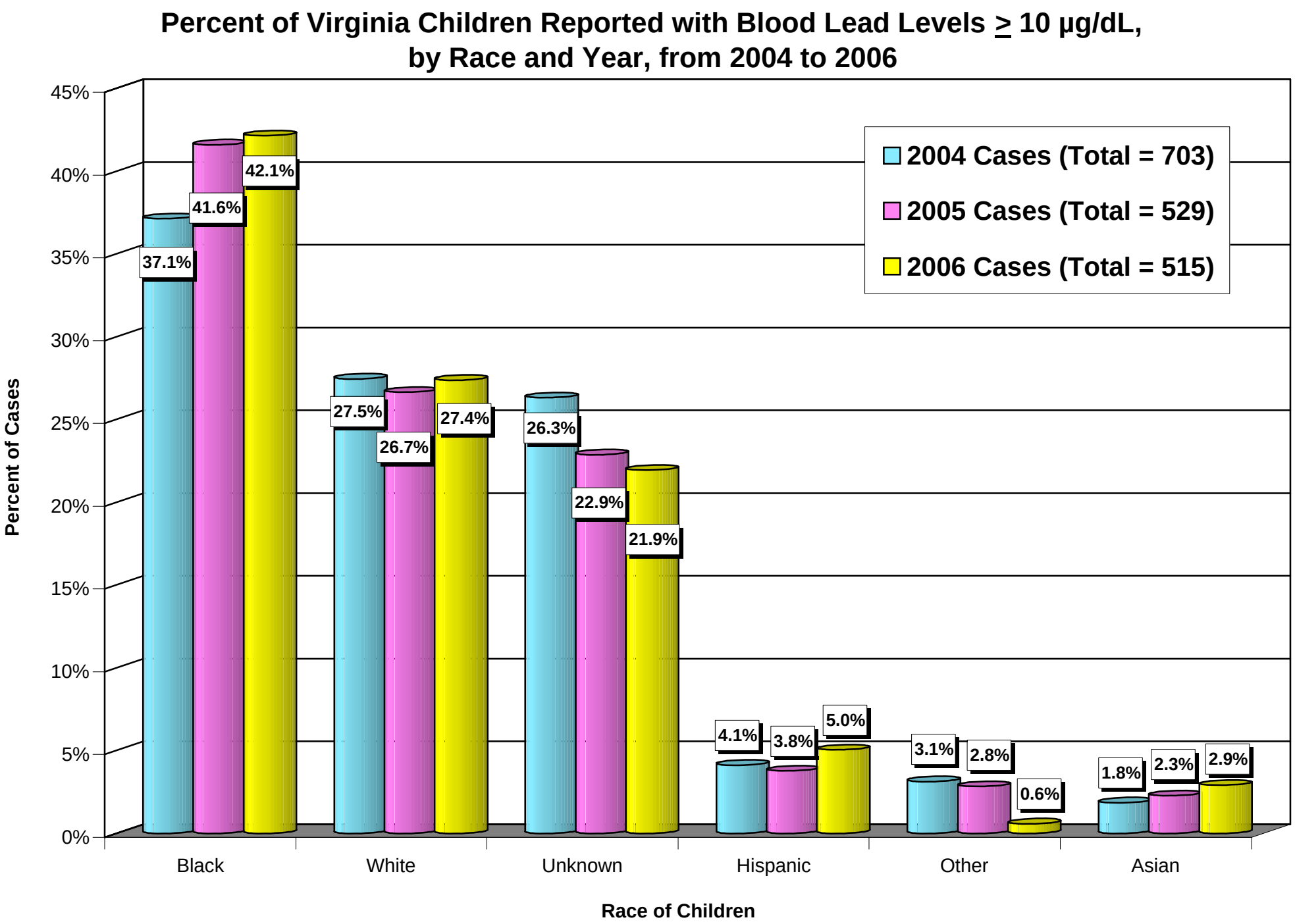
The above data represent a ten-year trend of incidence, or newly reported, cases of childhood elevated blood lead levels in Virginia. As defined in the *Regulations for Disease Reporting and Control* effective May 2007, an elevated blood lead level means a blood lead level greater than or equal to 10 micrograms of lead per deciliter (µg/dL) of whole blood in a child or children 15 years of age and younger. Within this 10-year trend, the mean yearly total is 671 with a standard deviation of 90.6.

Number of Virginia Children Reported with Blood Lead Levels ≥ 10 µg/dL, by Race, from 2004 to 2006

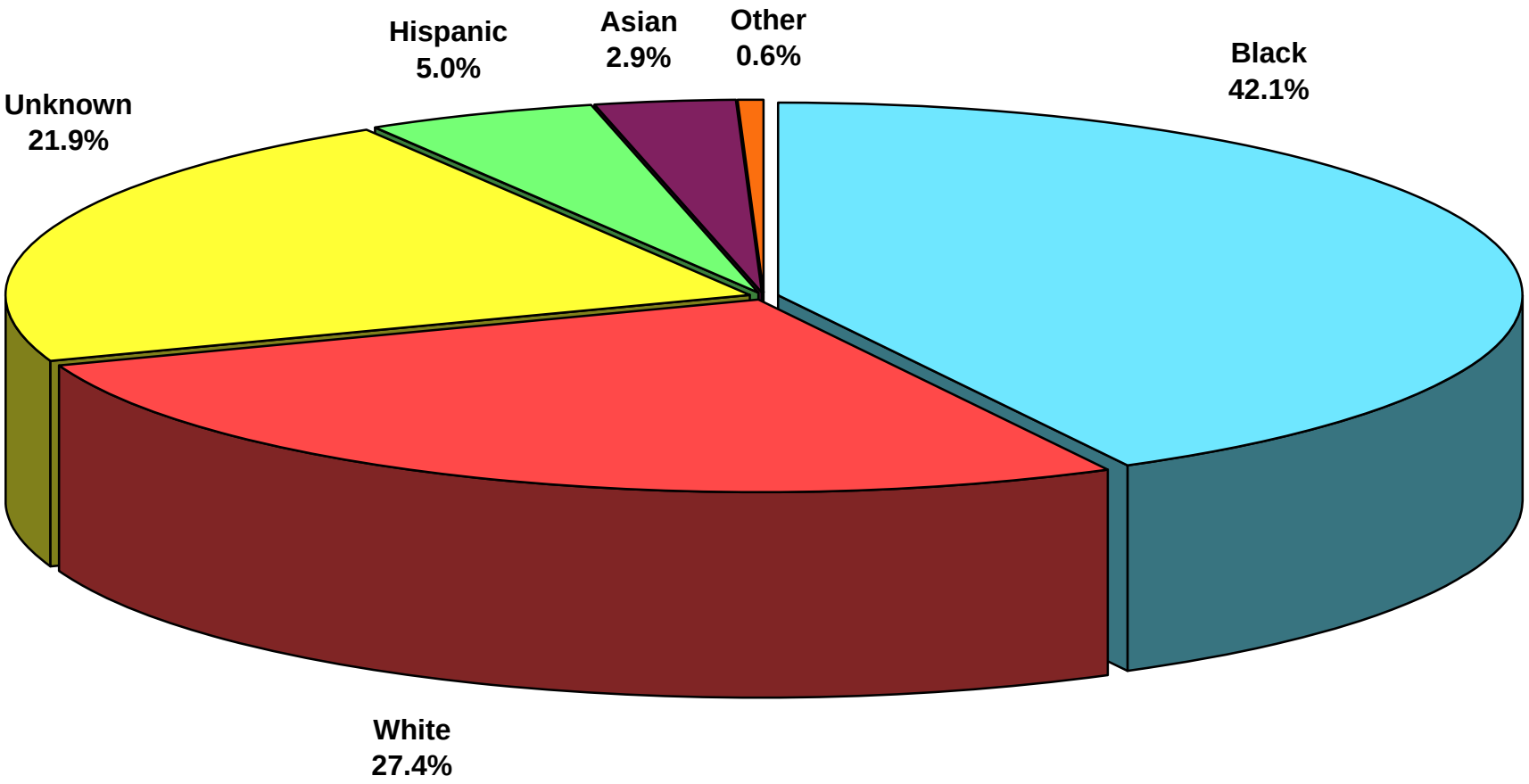
Race	2004 Cases	2005 Cases	2006 Cases	Total Cases 2004-2006	Percent of 3-Year Total
Black	261	220	217	698	40.0%
White	193	141	141	475	27.2%
Unknown	185	121	113	419	24.0%
Hispanic	29	20	26	75	4.3%
Other	22	15	3	40	2.3%
Asian	13	12	15	40	2.3%
Total	703	529	515	1747	100.0%

The above data represent new cases of Virginia children reported from 2004 to 2006 with blood lead levels greater than or equal to 10 micrograms per deciliter (≥ 10 µg/dL). The data are a comparison of the children by race. Although hispanic is recognized as an ethnicity as opposed to a race, the data reflect the manner in which several laboratories report race information. Only one race category is selected for each child. Children reported as biracial or multiracial are placed in the other category. The majority of cases in all three years were reported as black. Whereas the percentage of cases of unknown race has declined in each of the last three years, the percentage of cases of black race has increased.


Number of Virginia Children Reported with Blood Lead Levels ≥ 10 µg/dL, by Race and Year, from 2004 to 2006
Number of Cases
300
250
200
150
100
50
0
2004 Cases
2005 Cases
2006 Cases
261
220
217
193
141
141
185
121
113
29
20
26
22
15
3
13
12
15
Black
White
Unknown
Hispanic
Other
Asian
Race of Children


Percent of Virginia Children Reported with Blood Lead Levels ≥ 10 µg/dL, by Race and Year, from 2004 to 2006
2004 Cases (Total = 703)
2005 Cases (Total = 529)
2006 Cases (Total = 515)
Percent of Cases
45%
40%
35%
30%
25%
20%
15%
10%
5%
0%
37.1%
41.6%
42.1%
27.5%
26.7%
27.4%
26.3%
22.9%
21.9%
4.1%
3.8%
5.0%
3.1%
2.8%
0.6%
1.8%
2.3%
2.9%
Black
White
Unknown
Hispanic
Other
Asian
Race of Children

Virginia Children Reported with Blood Lead Levels ≥ 10 µg/dL, by Race, for 2006

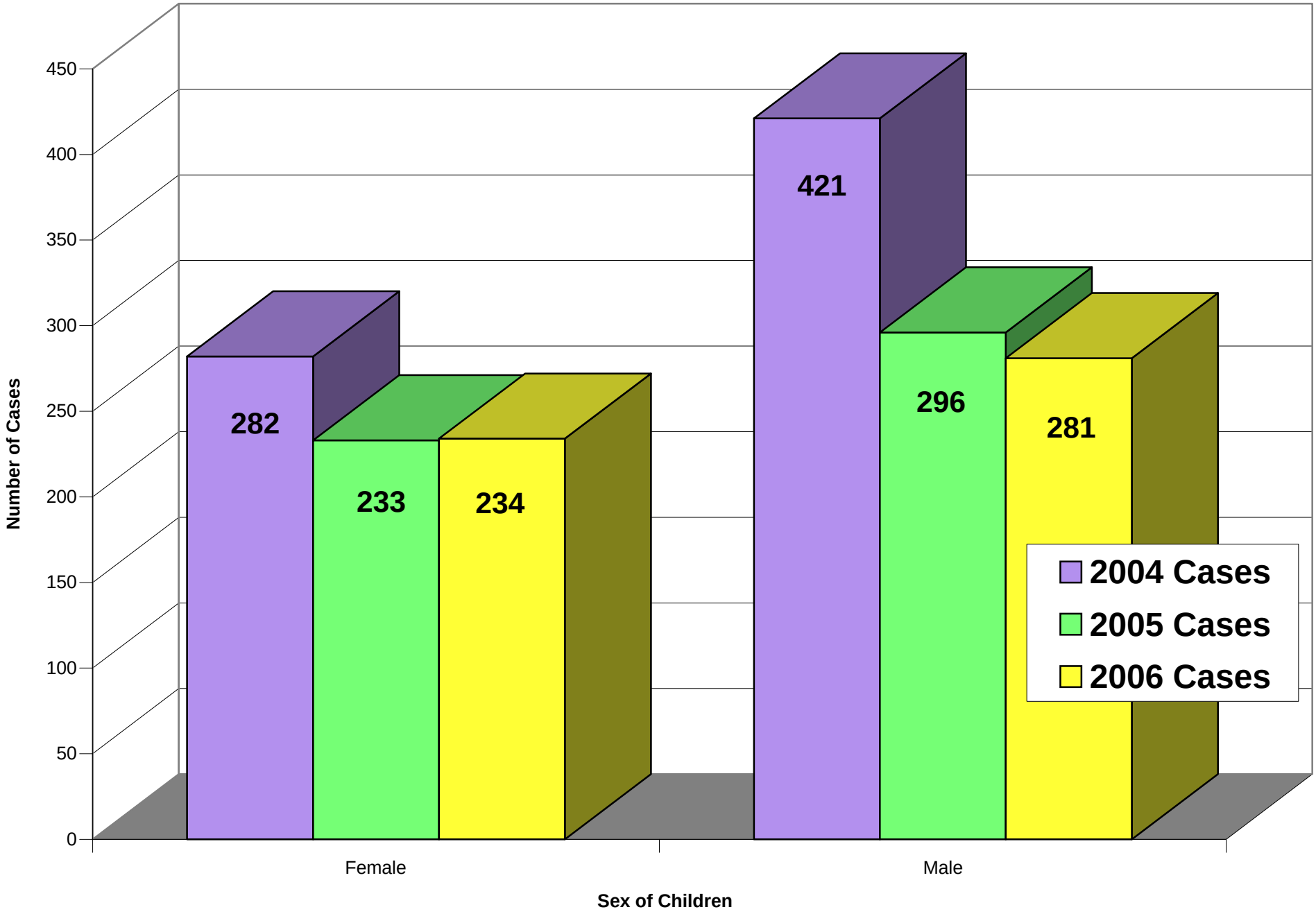


Number of Virginia Children Reported with Blood Lead Levels ≥ 10 µg/dL, by Sex, from 2004 to 2006

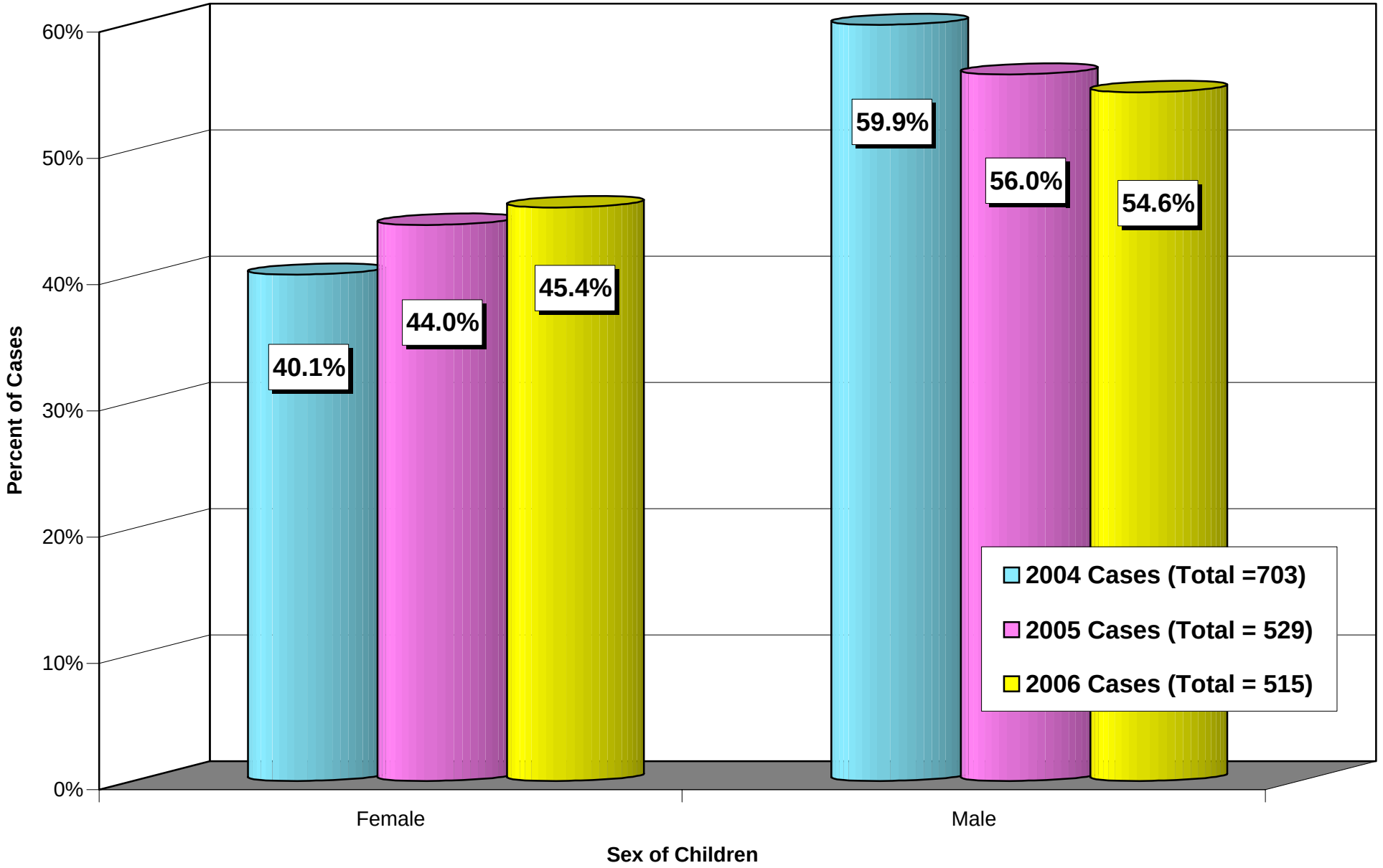
Sex	2004 Cases	2005 Cases	2006 Cases	Total Cases 2004-2006	Percent of 3-Year Total
Female	282	233	234	749	42.9%
Male	421	296	281	998	57.1%
Total	703	529	515	1747	100.0%

The above data represent new cases of Virginia children reported from 2004 to 2006 with blood lead levels greater than or equal to 10 micrograms per deciliter (≥ 10 µg/dL). The data are a comparison of the children by sex. The majority of cases in all three years were reported as male. The difference in the reported number of females versus the reported number of males has decreased in the last three years from 19.8% in 2004 to 9.2% in 2006.

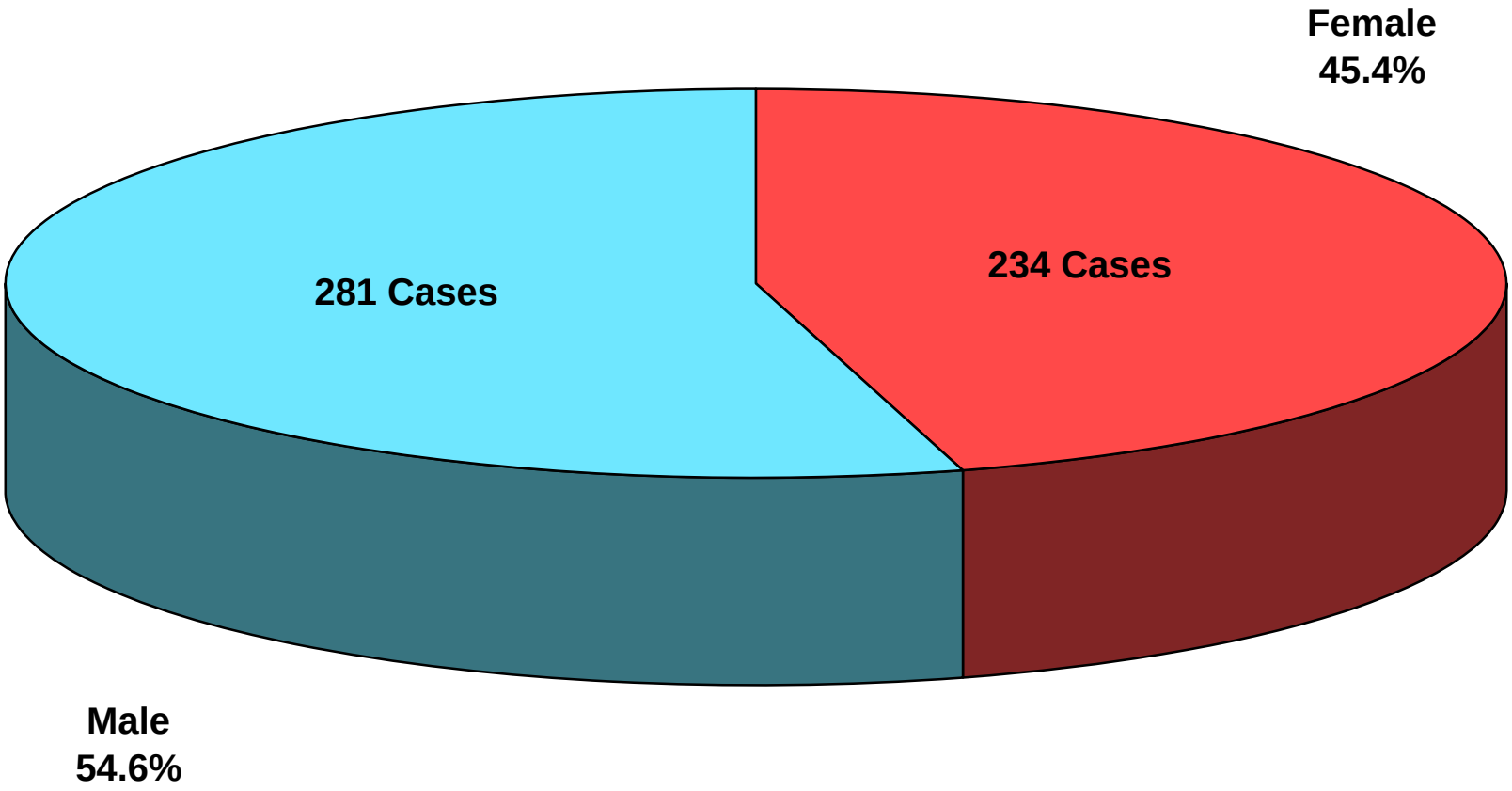
Number of Virginia Children Reported with Blood Lead Levels ≥ 10 µg/dL, by Sex and Year, from 2004 to 2006



Percent of Virginia Children Reported with Blood Lead Levels ≥ 10 µg/dL, by Sex and Year, from 2004 to 2006



Virginia Children Reported with Blood Lead Levels ≥ 10 µg/dL, by Sex, for 2006

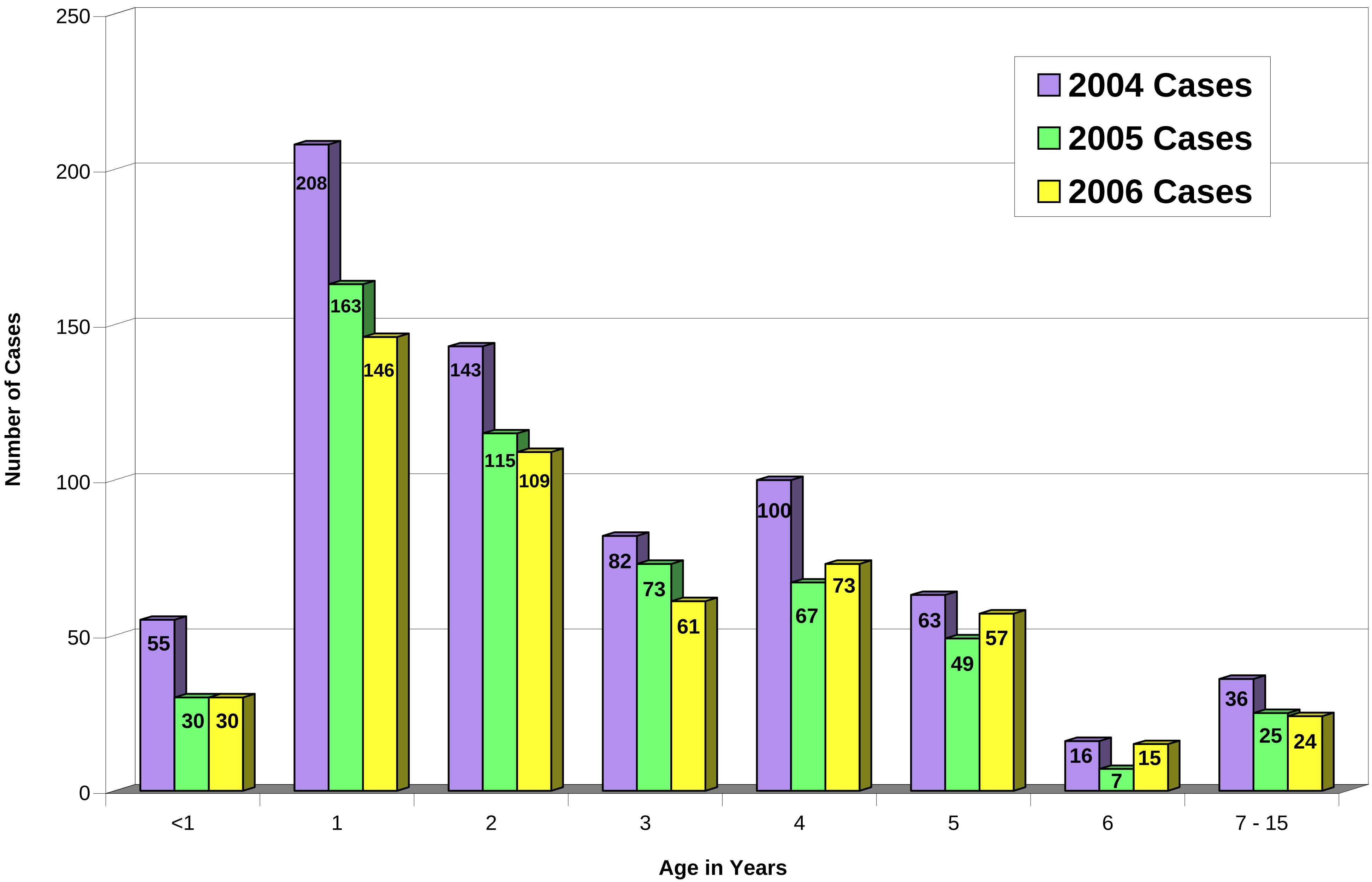


Number of Virginia Children Reported with Blood Lead Levels ≥ 10 µg/dL, by Age, from 2004 to 2006

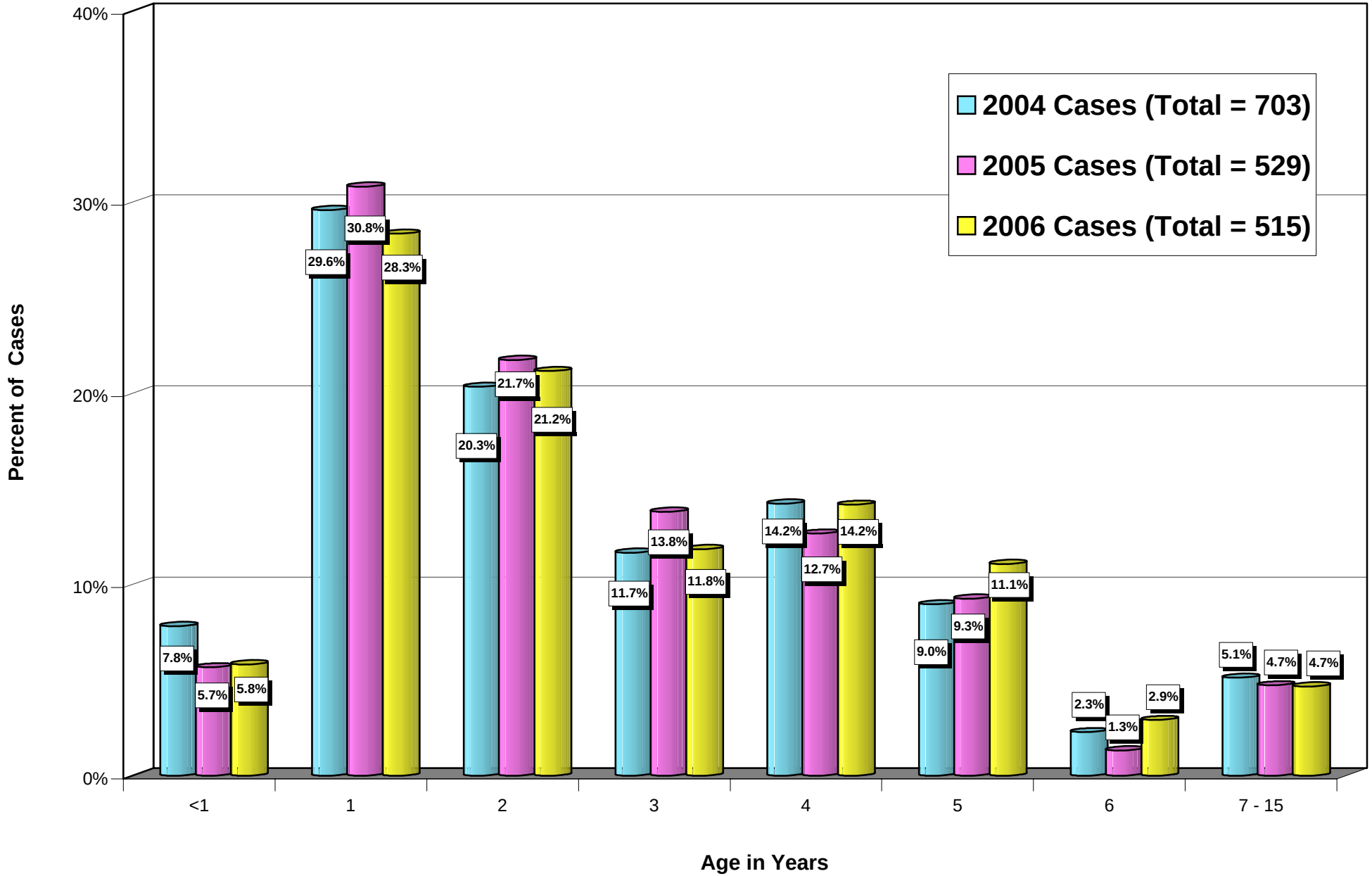
Age (Years)	2004 Cases	2005 Cases	2006 Cases	Total Cases 2004-2006	Percent of 3-Year Total
<1	55	30	30	115	6.6%
1	208	163	146	517	29.6%
2	143	115	109	367	21.0%
3	82	73	61	216	12.4%
4	100	67	73	240	13.7%
5	63	49	57	169	9.7%
6	16	7	15	38	2.2%
7	14	2	9	25	1.4%
8	7	1	2	10	0.6%
9	5	5	4	14	0.8%
10	1	3	4	8	0.5%
11	2	2	0	4	0.2%
12	4	3	1	8	0.5%
13	1	4	1	6	0.3%
14	1	3	3	7	0.4%
15	1	2	0	3	0.2%
Total	703	529	515	1747	100.0%

The above data represent new cases of Virginia children reported from 2004 to 2006 with blood lead levels greater than or equal to 10 micrograms per deciliter (≥ 10 µg/dL). The data are a comparison of the children by age up to fifteen years. Age one was the most frequently reported age for each year. The mean age reported in 2006 was 2.8 with a standard deviation of 2.2 and a standard error of 0.1.

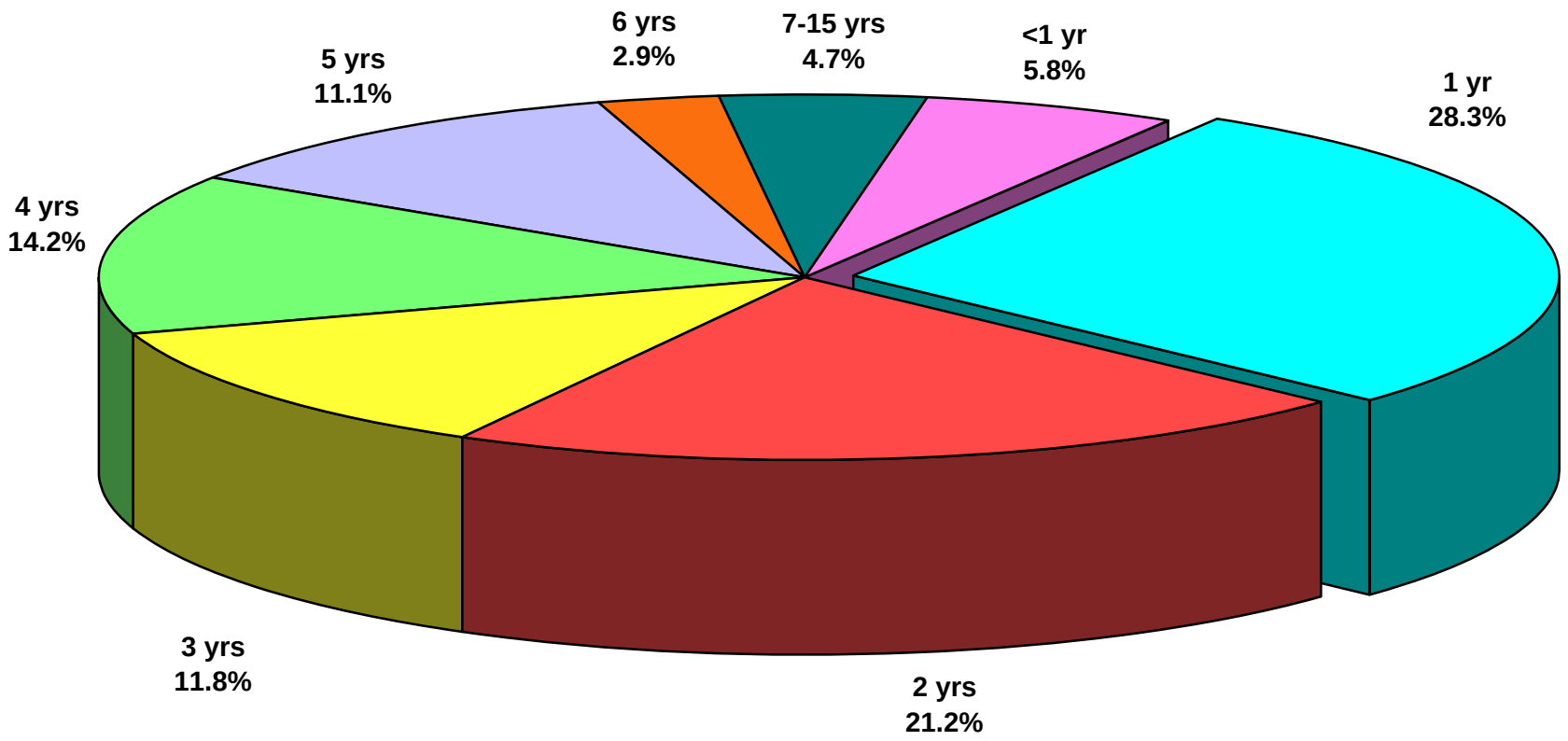
Number of Virginia Children Reported with Blood Lead Levels ≥ 10 µg/dL, by Age and Year, from 2004 to 2006



Percent of Virginia Children Reported with Blood Lead Levels ≥ 10 µg/dL, by Age and Year, from 2004 to 2006



Virginia Children Reported with Blood Lead Levels ≥ 10 µg/dL, by Age, for 2006

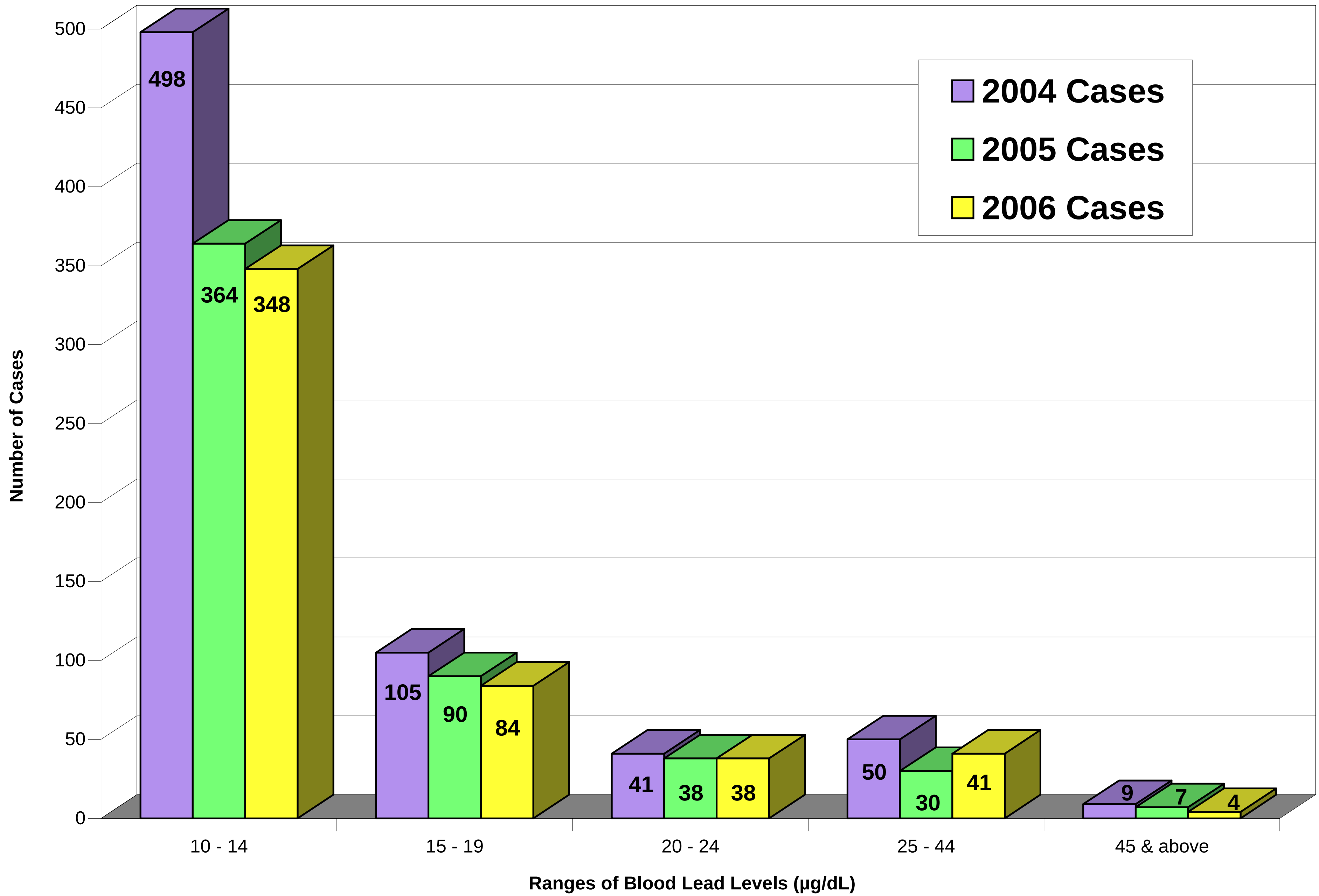


Number of Virginia Children Reported with Blood Lead Levels ≥ 10 µg/dL, by Range of Elevation, from 2004 to 2006

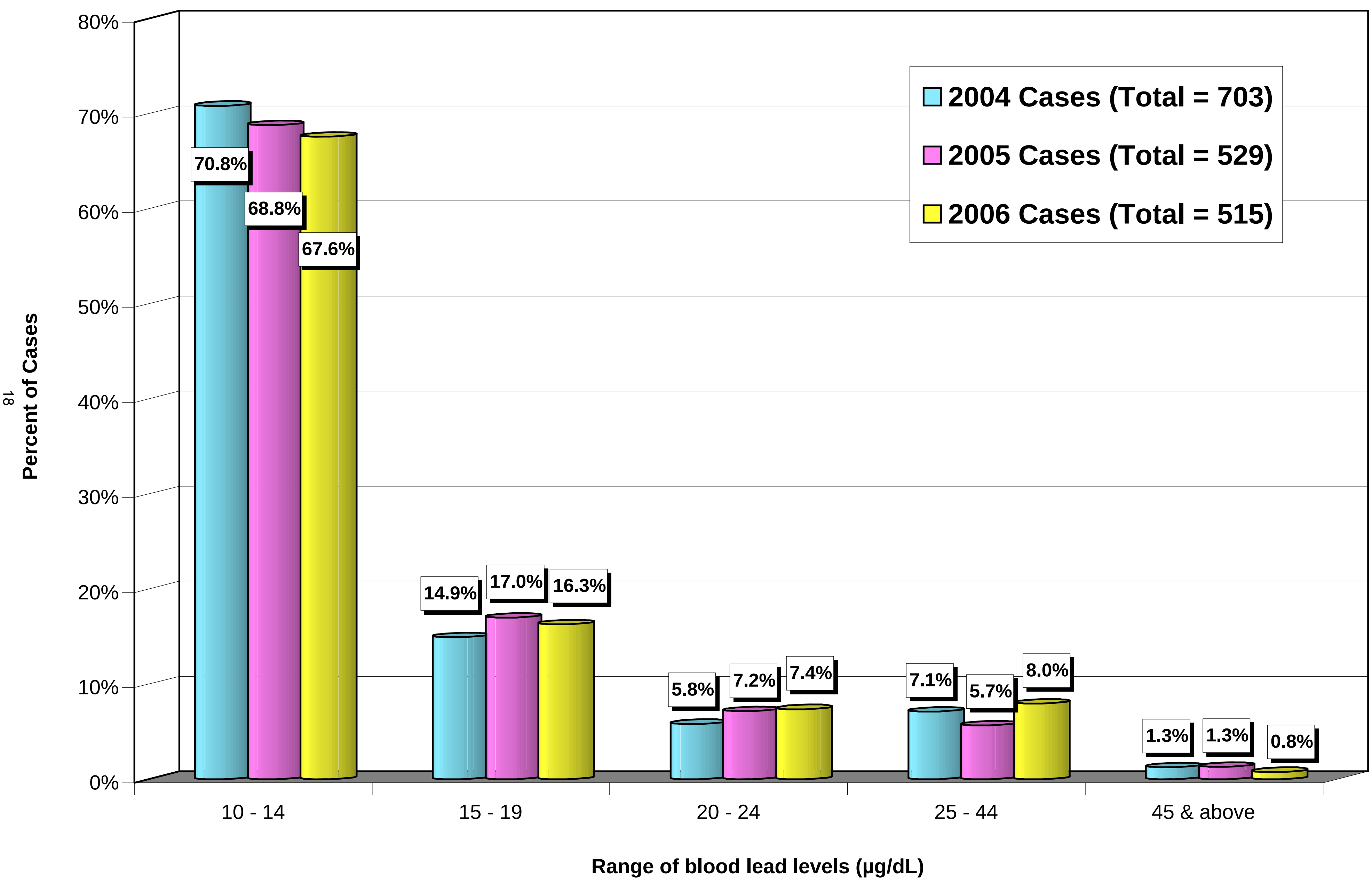
Range (µg/dL)	2004 Cases	2005 Cases	2006 Cases	Total Cases 2004-2006	Percent of 3-Year Total
10 - 14	498	364	348	1210	69.3%
15 - 19	105	90	84	279	16.0%
20 - 24	41	38	38	117	6.7%
25 - 44	50	30	41	121	6.9%
45 & above	9	7	4	20	1.1%
Total	703	529	515	1747	100.0%

The above data represent new cases of Virginia children reported from 2004 to 2006 with blood lead levels greater than or equal to 10 micrograms per deciliter (≥ 10 µg/dL). The data are a comparison of the children by ranges of elevated blood lead levels. These ranges are based on CDC guidelines and provide a tiered approach to case management. Whereas all ranges require lead education and follow-up testing, levels above 19 µg/dL initiate clinical management and environmental assessment, and levels above 44 µg/dL initiate critical medical intervention, including treatment and the possibility of chelation. The percentage of cases within each range has changed very little over the three-year period. Cases in the 10 - 14 µg/dL range were the most frequently reported for each year. The mean blood lead level reported in 2006 was 14.9 with a standard deviation of 6.7 and a standard error of 0.3.

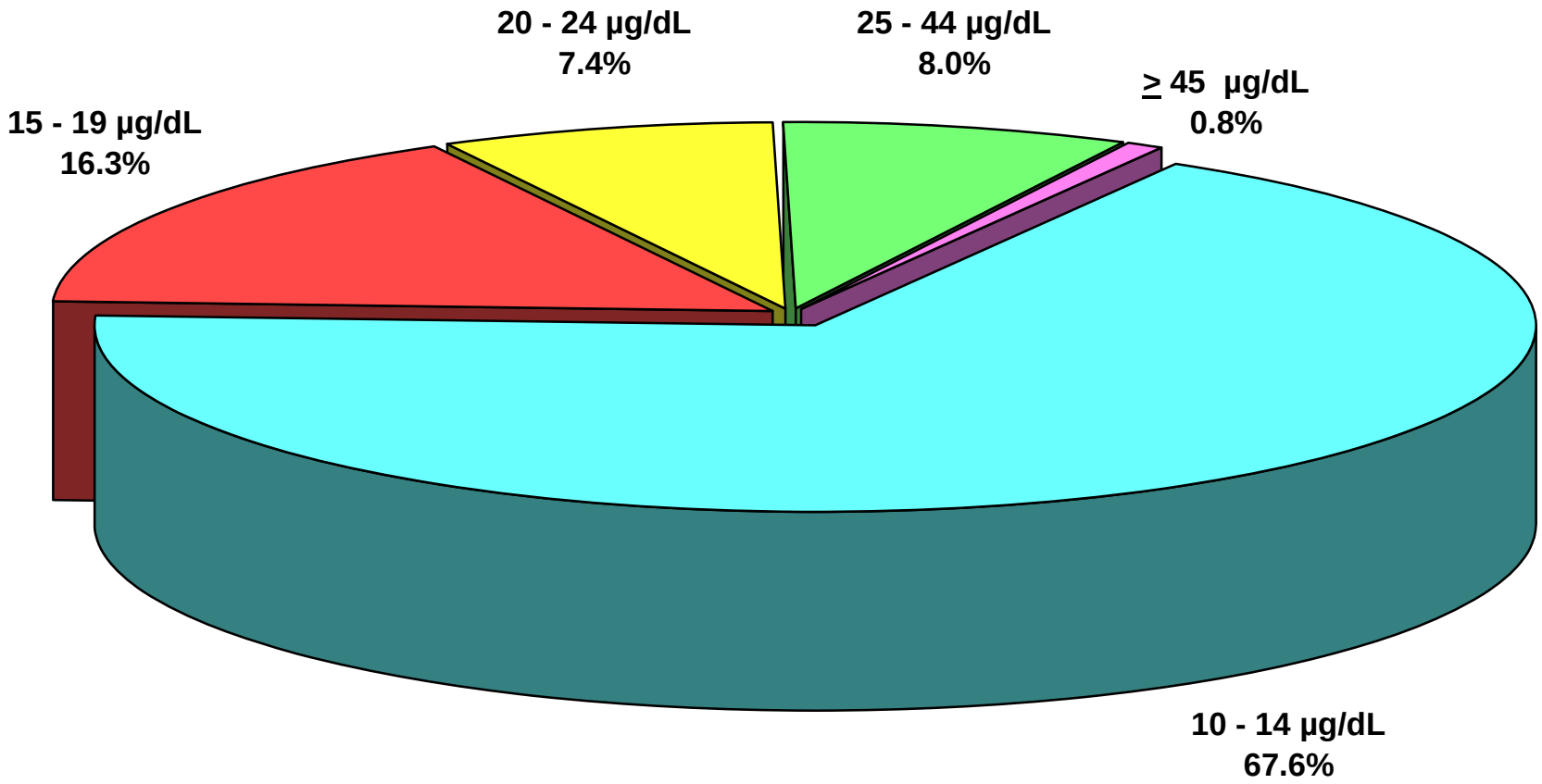
Number of Virginia Children Reported with Blood Lead Levels ≥ 10 µg/dL, by Range of Elevation and Year, from 2004 to 2006



Percent of Virginia Children Reported with Blood Lead Levels ≥ 10 µg/dL, by Range of Elevation and Year, from 2004 to 2006



Virginia Children Reported with Blood Lead Levels ≥ 10 µg/dL, by Range of Elevation, for 2006



Number of Reported Cases of Elevated Blood Lead Levels for Virginia Children, by Health District, from 2004 to 2006

Health District	2004 Cases	2005 Cases	2006 Cases	2004 -2006 Cases	Percent of 3-Year Total
Alexandria	7	8	11	26	1.5%
Alleghany	12	1	3	16	0.9%
Arlington	11	7	8	26	1.5%
Central Shenandoah	37	23	22	82	4.7%
Central Virginia	27	11	18	56	3.2%
Chesapeake	8	14	5	27	1.5%
Chesterfield	16	13	10	39	2.2%
Chickahominy	8	7	1	16	0.9%
Crater	26	14	26	66	3.8%
Cumberland Plateau	9	6	11	26	1.5%
Eastern Shore	16	9	8	33	1.9%
Fairfax	60	28	41	129	7.4%
Hampton	7	8	9	24	1.4%
Henrico	22	23	18	63	3.6%
Lenowisco	4	0	3	7	0.4%
Lord Fairfax	23	13	9	45	2.6%
Loudoun	3	4	5	12	0.7%
Mount Rogers	11	8	8	27	1.5%
New River	4	4	8	16	0.9%
Norfolk	28	30	15	73	4.2%
Peninsula	16	10	19	45	2.6%
Piedmont	16	14	16	46	2.6%
Pittsylvania/Danville	28	21	26	75	4.3%
Portsmouth	14	15	10	39	2.2%
Prince William	6	5	15	26	1.5%
Rappahannock	22	18	16	56	3.2%
Rappahannock/Rapidan	4	7	8	19	1.1%
Richmond City	138	89	86	313	17.9%
Roanoke City	36	47	22	105	6.0%
Southside	16	10	9	35	2.0%
Thomas Jefferson	14	20	11	45	2.6%
Three Rivers	17	8	13	38	2.2%
Virginia Beach	8	10	5	23	1.3%
West Piedmont	6	7	6	19	1.1%
Western Tidewater	23	17	14	54	3.1%
Total	703	529	515	1747	100.0%

The Richmond City Health District continues to report the highest incidence of elevated childhood blood lead levels each year. A large population, older housing, an established childhood lead program, and community-based awareness are contributing factors. Please note, in 2006 the Hanover Health District changed its name to Chickahominy.

Number of Reported Cases of Elevated Blood Lead Levels for Virginia Children, by Locality, from 2004 to 2006

The table below depicts newly reported cases of elevated blood lead levels from each city or county in Virginia for the last three years. Richmond City has the highest number of reported cases, followed by Fairfax County, Roanoke City, and Norfolk.

Locality Name	2004 Cases	2005 Cases	2006 Cases	2004-2006 Cases	Percent of 3-year total
Accomack Co	7	5	5	17	1.0%
Albemarle Co/Charlottesville	7	9	8	24	1.4%
Alexandria	7	8	11	26	1.5%
Alleghany Co/Covington/Clifton Forge	2	1	2	5	0.3%
Amelia Co	1	1	3	5	0.3%
Amherst Co	4	1	1	6	0.3%
Appomattox Co	1	1	2	4	0.2%
Arlington Co	11	7	8	26	1.5%
Augusta Co/Staunton	10	11	13	34	1.9%
Bath Co	0	1	1	2	0.1%
Bedford Co/Bedford	4	3	2	9	0.5%
Bland Co	0	0	0	0	0.0%
Botetourt Co	5	0	0	5	0.3%
Bristol	2	0	0	2	0.1%
Brunswick Co	2	2	1	5	0.3%
Buchanan Co	3	3	6	12	0.7%
Buckingham Co	3	2	1	6	0.3%
Buena Vista	0	0	0	0	0.0%
Campbell Co	3	0	2	5	0.3%
Caroline Co	9	2	5	16	0.9%
Carroll Co	0	1	0	1	0.1%
Charles City Co	1	0	0	1	0.1%
Charlotte Co	1	2	0	3	0.2%
Chesapeake	8	14	5	27	1.5%
Chesterfield Co	12	10	9	31	1.8%
Clarke Co	2	1	1	4	0.2%
Colonial Heights	3	0	1	4	0.2%
Craig Co	1	0	0	1	0.1%
Culpeper Co	1	1	1	3	0.2%
Cumberland Co	2	1	1	4	0.2%
Danville	22	20	23	65	3.7%
Dickenson Co	0	0	0	0	0.0%
Dinwiddie Co	2	2	1	5	0.3%
Essex Co	3	0	0	3	0.2%
Fairfax Co/Fairfax/Falls Church	60	28	41	129	7.4%
Fauquier Co	1	1	4	6	0.3%
Floyd Co	1	1	1	3	0.2%
Fluvanna Co	0	3	1	4	0.2%
Franklin City	0	2	2	4	0.2%

Locality Name	2004 Cases	2005 Cases	2006 Cases	2004-2006 Cases	Percent of 3-year total
Franklin Co	0	1	3	4	0.2%
Frederick Co/Winchester	13	6	7	26	1.5%
Fredericksburg	8	12	7	27	1.5%
Galax	2	0	1	3	0.2%
Giles Co	1	1	1	3	0.2%
Gloucester Co	0	0	1	1	0.1%
Goochland Co	1	1	0	2	0.1%
Grayson Co	1	0	1	2	0.1%
Greene Co	1	1	0	2	0.1%
Greensville Co/Emporia	1	1	1	3	0.2%
Halifax Co/South Boston	5	1	0	6	0.3%
Hampton	7	8	9	24	1.4%
Hanover Co	2	6	0	8	0.5%
Henrico Co	22	23	18	63	3.6%
Henry Co/Martinsville	5	6	2	13	0.7%
Highland Co	0	0	0	0	0.0%
Hopewell	4	2	6	12	0.7%
Isle of Wight Co	4	1	0	5	0.3%
James City Co	0	0	0	0	0.0%
King and Queen Co	1	0	4	5	0.3%
King George Co	4	1	2	7	0.4%
King William Co	1	0	0	1	0.1%
Lancaster Co	3	3	3	9	0.5%
Lee Co	1	0	0	1	0.1%
Loudoun Co	3	4	5	12	0.7%
Louisa Co	4	4	2	10	0.6%
Lunenburg Co	4	4	1	9	0.5%
Lynchburg	15	6	11	32	1.8%
Madison Co	0	2	0	2	0.1%
Mathews Co	3	1	0	4	0.2%
Mecklenburg Co	9	7	8	24	1.4%
Middlesex Co	0	0	2	2	0.1%
Montgomery Co	1	1	3	5	0.3%
Nelson Co	2	3	0	5	0.3%
New Kent Co	4	0	1	5	0.3%
Newport News	13	9	15	37	2.1%
Norfolk	28	30	15	73	4.2%
Northampton Co	9	4	3	16	0.9%
Northumberland Co	2	0	2	4	0.2%
Nottoway Co	2	3	4	9	0.5%
Orange Co	2	3	3	8	0.5%
Page Co	1	2	0	3	0.2%
Patrick Co	1	0	1	2	0.1%
Petersburg	11	8	15	34	1.9%

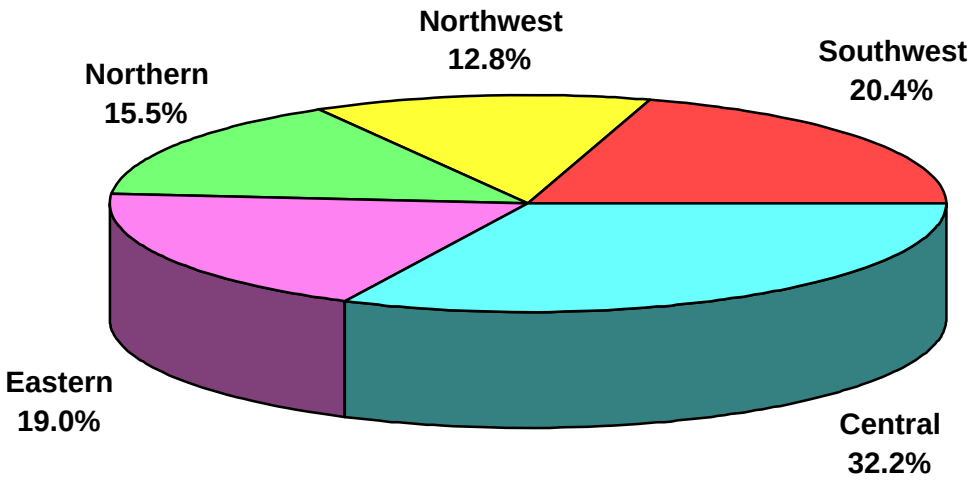
Locality Name	2004 Cases	2005 Cases	2006 Cases	2004-2006 Cases	Percent of 3-year total
Pittsylvania Co	6	1	3	10	0.6%
Portsmouth	14	15	10	39	2.2%
Powhatan Co	1	3	0	4	0.2%
Prince Edward Co	3	1	6	10	0.6%
Prince George Co	3	0	2	5	0.3%
Prince William Co/Manassas	6	5	15	26	1.5%
Pulaski Co	1	0	2	3	0.2%
Radford	0	1	1	2	0.1%
Rappahannock Co	0	0	0	0	0.0%
Richmond City	138	89	86	313	17.9%
Richmond Co	1	0	1	2	0.1%
Roanoke City	36	46	22	104	6.0%
Roanoke Co	3	0	0	3	0.2%
Rockbridge Co/Lexington	2	0	2	4	0.2%
Rockingham Co/Harrisonburg	12	5	5	22	1.3%
Russell Co	4	0	2	6	0.3%
Salem	1	0	1	2	0.1%
Scott Co	2	0	1	3	0.2%
Shenandoah Co	2	4	0	6	0.3%
Smyth Co	1	1	3	5	0.3%
Southampton Co	2	3	1	6	0.3%
Spotsylvania Co	0	3	1	4	0.2%
Stafford Co	1	1	1	3	0.2%
Suffolk	17	11	11	39	2.2%
Surry Co	2	0	1	3	0.2%
Sussex Co	3	1	0	4	0.2%
Tazewell Co	2	3	3	8	0.5%
Virginia Beach	8	10	5	23	1.3%
Warren Co	5	0	1	6	0.3%
Washington Co	0	2	3	5	0.3%
Waynesboro	13	6	1	20	1.1%
Westmoreland Co	3	4	0	7	0.4%
Williamsburg	1	1	4	6	0.3%
Wise Co/Norton	1	0	2	3	0.2%
Wythe Co	5	4	0	9	0.5%
York Co/Poquoson	2	0	0	2	0.1%
Total	703	529	515	1747	100.0%

Number of Reported Cases of Childhood Elevated Blood Lead Levels in Virginia, by Region, from 2004 to 2006

Region	2004 Cases	2005 Cases	2006 Cases	2004-2006 Cases	Percent of 3-year total
Central	242	170	166	578	33.1%
Eastern	137	121	98	356	20.4%
Northern	87	52	80	219	12.5%
Northwest	100	81	66	247	14.1%
Southwest	137	105	105	347	19.9%
Total	703	529	515	1747	100.0%

The above data represent cases of Virginia children reported from the five health planning regions in the state. The Central Region has the highest number of children in all three years. This region includes the City of Richmond, which historically reports the most cases by locality each year. Although the Northern Region has the highest population of 0-15 year olds, it has the fewest total cases in the 3-year period.

Percent of Reported Cases of Childhood Elevated Blood Lead Levels in Virginia, by Region, for 2006



Reported Cases and Rate per 100,000 Population for Virginia Children,
Age 0 - 15 With Blood Lead Levels $\geq$ 10 µg/dL, by Health District, 2006

Health District	Population Total* Age 0 to 15	2006 Reported Cases	Rate per 100,000
Alexandria	24,867	11	44.2
Alleghany	32,011	3	9.4
Arlington	32,002	8	25.0
Central Shenandoah	50,160	22	43.9
Central Virginia	46,080	18	39.1
Chesapeake	50,626	5	9.9
Chesterfield	73,290	10	13.6
Chickahominy	28,284	1	3.5
Crater	31,172	26	83.4
Cumberland Plateau	20,406	11	53.9
Eastern Shore	10,661	8	75.0
Fairfax	232,559	41	17.6
Hampton	30,850	9	29.2
Henrico	61,157	18	29.4
Lenowisco	17,000	3	17.6
Lord Fairfax	42,248	9	21.3
Loudoun	66,633	5	7.5
Mount Rogers	33,796	8	23.7
New River	26,978	8	29.7
Norfolk	54,828	15	27.4
Peninsula	74,178	19	25.6
Piedmont	18,413	16	86.9
Pittsylvania/Danville	20,946	26	124.1
Portsmouth	23,703	10	42.2
Prince William	105,427	15	14.2
Rappahannock	71,310	16	22.4
Rappahannock/Rapidan	32,180	8	24.9
Richmond City	40,688	86	211.4
Roanoke City	19,660	22	111.9
Southside	16,174	9	55.6
Thomas Jefferson	42,082	11	26.1
Three Rivers	25,146	13	51.7
Virginia Beach	103,010	5	4.9
West Piedmont	25,879	6	23.2
Western Tidewater	29,872	14	46.9
Statewide Total	1,614,276	515	31.9

The above data represent the number of cases and incidence rate per 100,000 population for childhood elevated blood lead levels by health district. The data allow for a comparison among the health districts utilizing an incidence rate which is based on the number of cases reported versus the actual number of children living in the district. Richmond City Health District had the highest incidence rate, followed by Pittsylvania/Danville, Roanoke City, and Piedmont Health Districts. The average number of reported cases for each district was 14.7, with an average incidence rate of 42.2.

* Population totals based on 2005 estimates from the Census Bureau.

Reported Cases and Rate per 100,000 Population for Virginia Children, Age 0 - 15 With Blood Lead Levels ≥ 10 µg/dL, by Locality, for 2006

Locality	Population Total* Age 0 to 15	2006 Reported Cases	Rate per 100,000
Accomack County	7,989	5	62.6
Albemarle County/Charlottesville	24,424	8	32.8
Alexandria City	24,867	11	44.2
Alleghany County/Clifton Forge/Covington	4,352	2	46.0
Amelia County	2,453	3	122.3
Amherst County	6,073	1	16.5
Appomattox County	2,757	2	72.5
Arlington County	32,002	8	25.0
Augusta County/Staunton	17,298	13	75.2
Bath County	759	1	131.8
Bedford County/Bedford	13,552	2	14.8
Bland County	1,049	0	0.0
Botetourt County	5,816	0	0.0
Bristol City	2,992	0	0.0
Brunswick County	2,997	1	33.4
Buchanan County	4,240	6	141.5
Buckingham County	2,753	1	36.3
Buena Vista City	1,234	0	0.0
Campbell County	10,471	2	19.1
Caroline County	5,281	5	94.7
Carroll County	5,159	0	0.0
Charles City County	1,214	0	0.0
Charlotte County	2,470	0	0.0
Chesapeake City	50,626	5	9.9
Chesterfield County	64,843	9	13.9
Clarke County	2,632	1	38.0
Colonial Heights City	3,407	1	29.4
Craig County	976	0	0.0
Culpeper County	8,980	1	11.1
Cumberland County	1,891	1	52.9
Danville City	9,213	23	249.6
Dickenson County	2,866	0	0.0
Dinwiddie County	4,888	1	20.5
Essex County	1,991	0	0.0
Fairfax County/Fairfax/Falls Church	232,559	41	17.6
Fauquier County	13,711	4	29.2
Floyd County	2,686	1	37.2
Fluvanna County	5,022	1	19.9
Franklin City	1,918	2	104.3

Locality	Population Total* Age 0 to 15	2006 Reported Cases	Rate per 100,000
Franklin County	9,254	3	32.4
Frederick County/Winchester	19,899	7	35.2
Fredericksburg City	4,217	7	166.0
Galax City	1,394	1	71.7
Giles County	3,232	1	30.9
Gloucester County	7,584	1	13.2
Goochland County	3,372	0	0.0
Grayson County	2,796	1	35.8
Greene County	4,124	0	0.0
Greensville County/Emporia	2,880	1	34.7
Halifax County/South Boston	7,249	0	0.0
Hampton City	30,850	9	29.2
Hanover County	20,652	0	0.0
Henrico County	61,157	18	29.4
Henry County/Martinsville	13,286	2	15.1
Highland County	358	0	0.0
Hopewell City	5,526	6	108.6
Isle of Wight County	6,588	0	0.0
James City County	10,232	0	0.0
King and Queen County	1,267	4	315.7
King George County	4,700	2	42.6
King William County	3,202	0	0.0
Lancaster County	1,751	3	171.3
Lee County	4,451	0	0.0
Loudoun County	66,633	5	7.5
Louisa County	5,861	2	34.1
Lunenburg County	2,204	1	45.4
Lynchburg City	13,227	11	83.2
Madison County	2,565	0	0.0
Mathews County	1,427	0	0.0
Mecklenburg County	5,928	8	135.0
Middlesex County	1,537	2	130.1
Montgomery County	13,163	3	22.8
Nelson County	2,651	0	0.0
New Kent County	3,046	1	32.8
Newport News City	47,049	15	31.9
Norfolk City	54,828	15	27.4
Northampton County	2,672	3	112.3
Northumberland County	1,939	2	103.1
Nottoway County	2,929	4	136.6
Orange County	5,655	3	53.1
Page County	4,533	0	0.0
Patrick County	3,339	1	29.9

Locality	Population Total* Age 0 to 15	2006 Reported Cases	Rate per 100,000
Petersburg City	7,468	15	200.9
Pittsylvania County	11,733	3	25.6
Portsmouth City	23,703	10	42.2
Powhatan County	5,040	0	0.0
Prince Edward County	3,713	6	161.6
Prince George County	7,138	2	28.0
Prince William County/Manassas	105,427	15	14.2
Pulaski County	6,077	2	32.9
Radford City	1,820	1	54.9
Rappahannock County	1,269	0	0.0
Richmond City	40,688	86	211.4
Richmond County	1,288	1	77.6
Roanoke City	19,660	22	111.9
Roanoke County	16,567	0	0.0
Rockbridge County/Lexington	4,538	2	44.1
Rockingham County/Harrisonburg	21,375	5	23.4
Russell County	5,253	2	38.1
Salem City	4,300	1	23.3
Scott County	3,903	1	25.6
Shenandoah County	7,438	0	0.0
Smyth County	6,068	3	49.4
Southampton County	3,168	1	31.6
Spotsylvania County	27,942	1	3.6
Stafford County	29,170	1	3.4
Suffolk City	18,198	11	60.4
Surry County	1,356	1	73.7
Sussex County	1,916	0	0.0
Tazewell County	8,047	3	37.3
Virginia Beach City	103,010	5	4.9
Warren County	7,746	1	12.9
Washington County	9,040	3	33.2
Waynesboro City	4,598	1	21.7
Westmoreland County	3,160	0	0.0
Williamsburg City	1,613	4	248.0
Wise County/Norton	8,646	2	23.1
Wythe County	5,298	0	0.0
York County/Poquoson	15,284	0	0.0
Statewide Total	1,614,276	515	31.9

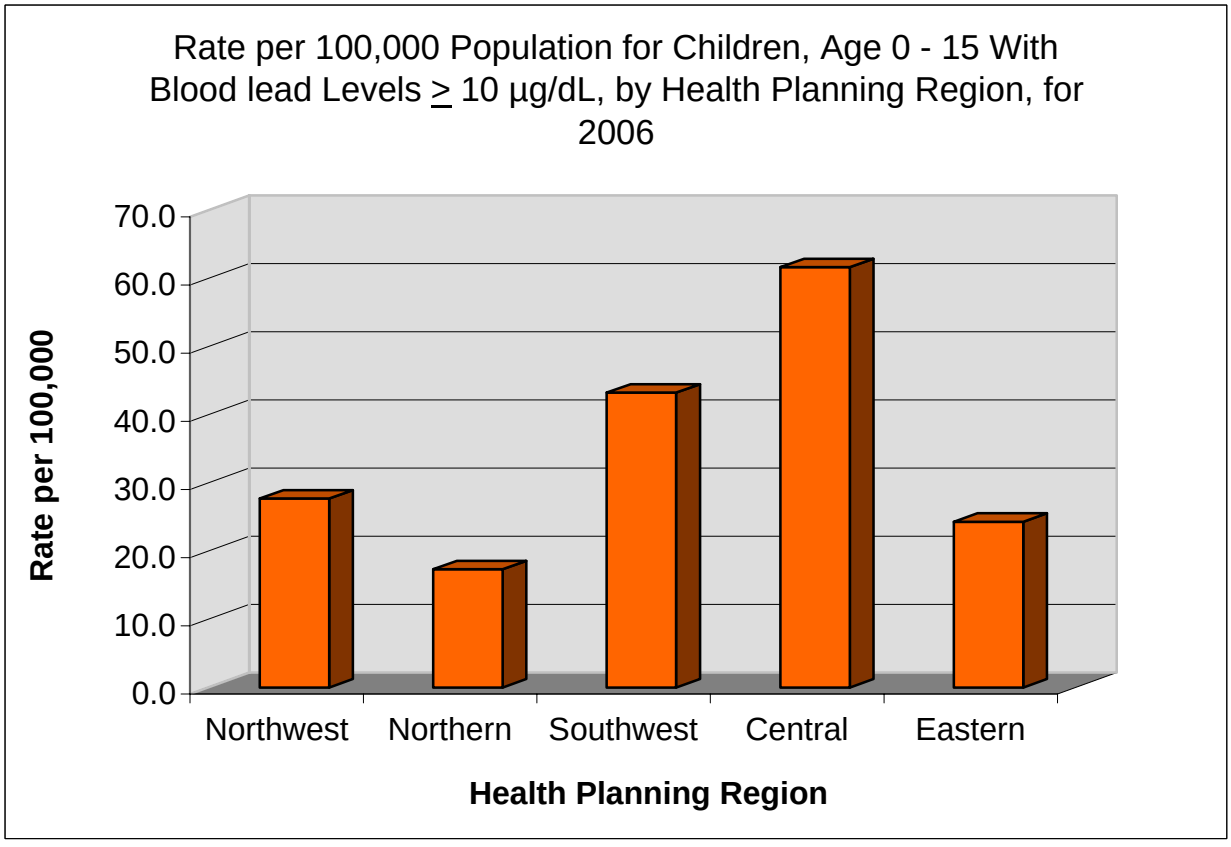
The above data represent the number of cases and incidence rate per 100,000 population for childhood elevated blood lead levels by locality. The data allow for a comparison among the local jurisdictions utilizing an incidence rate which is based on the number of cases reported versus the actual number of children living within a specific locality. King and Queen County had the highest incidence rate, followed by the cities of Danville, Williamsburg, and Richmond. The average number of cases for each locality was 4.3, with an average incidence rate of 45.7.

* Population totals based on 2005 estimates from the Census Bureau.

Number of Reported Cases and Rate per 100,000 Population for Virginia Children, Age 0 - 15 With Blood Lead Levels ≥ 10 µg/dL, by Health Planning Region, for 2006

Planning Region	Population Total* Age 0 to 15	2006 Reported Cases	Rate per 100,000
Northwest	237,980	66	27.7
Northern	461,488	80	17.3
Southwest	242,756	105	43.3
Central	269,178	166	61.7
Eastern	402,874	98	24.3
Statewide Total	1,614,276	515	31.9

These data represent the number of cases and incidence rate per 100,000 population for childhood elevated blood lead levels by health planning region. The highest incidence rate was found in the Central Planning Region. Although the Northern Planning Region has the highest population, it ranked last for the incidence rate. The average number of cases per region was 103, and the average incidence rate per region was 34.9



* Population totals based on 2005 estimates from the Census Bureau.

Number of Reported Cases of Elevated Blood Lead Levels for Virginia Children, by Health District and Age, for 2006

Health District	Age In Years								Total
	<1	1	2	3	4	5	6	7 - 15	
Alexandria	1	3	2	1	1	3	0	0	11
Alleghany	0	2	0	1	0	0	0	0	3
Arlington	1	2	0	0	2	2	0	1	8
Central Shenandoah	0	8	4	3	2	4	0	1	22
Central Virginia	1	6	3	1	5	1	0	1	18
Chesapeake	1	0	2	0	0	1	0	1	5
Chesterfield	0	2	3	1	2	1	1	0	10
Chickahominy	0	0	0	0	0	0	0	1	1
Crater	0	3	6	4	7	4	2	0	26
Cumberland Plateau	0	2	5	1	2	1	0	0	11
Eastern Shore	1	3	3	1	0	0	0	0	8
Fairfax	3	9	10	2	5	4	4	4	41
Hampton	0	3	2	1	0	1	1	1	9
Henrico	1	6	4	1	2	4	0	0	18
Lenowisco	1	0	1	1	0	0	0	0	3
Lord Fairfax	0	3	1	1	3	1	0	0	9
Loudoun	0	0	0	2	1	2	0	0	5
Mount Rogers	0	4	4	0	0	0	0	0	8
New River	0	2	3	1	1	1	0	0	8
Norfolk	0	7	3	1	1	1	1	1	15
Peninsula	0	7	5	4	1	0	2	0	19
Piedmont	0	6	4	2	3	0	1	0	16
Pittsylvania/Danville	4	5	6	5	5	1	0	0	26
Portsmouth	0	2	2	1	3	2	0	0	10
Prince William	0	3	0	0	3	5	0	4	15
Rappahannock	0	5	2	2	3	4	0	0	16
Rappahannock/Rapidan	0	3	2	0	2	1	0	0	8
Richmond City	5	29	18	14	11	6	2	1	86
Roanoke City	5	4	3	3	2	1	0	4	22
Southside	0	0	4	3	2	0	0	0	9
Thomas Jefferson	2	6	2	0	0	0	0	1	11
Three Rivers	4	1	0	1	3	2	1	1	13
Virginia Beach	0	2	1	0	0	1	0	1	5
West Piedmont	0	2	2	0	1	0	0	1	6
Western Tidewater	0	6	2	3	0	3	0	0	14
Total	30	146	109	61	73	57	15	24	515

In the majority of health districts, ages one and two were reported more frequently than any other ages within each respective district (tinted blocks). Screenings are important in children less than 2 years of age because younger children are more at risk of neurotoxic effects from exposure to lead.

Number of Reported Cases of Elevated Blood Lead Levels for Virginia Children, by Health District and Race, for 2006

Health District	Race of Child						
	Black	White	Hispanic	Asian	Other	Unknown	Total
Alexandria	3	2	2	2	0	2	11
Alleghany	0	2	0	0	0	1	3
Arlington	0	3	1	2	0	2	8
Central Shenandoah	2	13	1	0	1	5	22
Central Virginia	10	3	0	0	0	5	18
Chesapeake	3	1	0	1	0	0	5
Chesterfield	3	5	1	0	0	1	10
Chickahominy	0	1	0	0	0	0	1
Crater	15	5	0	0	0	6	26
Cumberland Plateau	0	9	0	0	1	1	11
Eastern Shore	3	3	2	0	0	0	8
Fairfax	5	4	5	4	0	23	41
Hampton	6	0	0	0	0	3	9
Henrico	9	4	1	0	0	4	18
Lenowisco	0	2	0	0	0	1	3
Lord Fairfax	3	5	1	0	0	0	9
Loudoun	0	2	0	2	0	1	5
Mount Rogers	0	6	2	0	0	0	8
New River	0	2	0	0	0	6	8
Norfolk	11	2	0	0	0	2	15
Peninsula	9	1	2	0	1	6	19
Piedmont	7	9	0	0	0	0	16
Pittsylvania/Danville	12	3	0	0	0	11	26
Portsmouth	8	1	0	0	0	1	10
Prince William	5	0	4	2	0	4	15
Rappahannock	4	5	0	0	0	7	16
Rappahannock/Rapidan	3	3	2	0	0	0	8
Richmond City	57	17	0	0	0	12	86
Roanoke City	13	7	0	0	0	2	22
Southside	6	3	0	0	0	0	9
Thomas Jefferson	3	4	0	0	0	4	11
Three Rivers	2	10	1	0	0	0	13
Virginia Beach	2	1	0	2	0	0	5
West Piedmont	1	2	1	0	0	2	6
Western Tidewater	12	1	0	0	0	1	14
Total	217	141	26	15	3	113	515

When race was known, most health districts reported "black" as the most frequently reported race in their respective districts (46%, yellow blocks). The second highest incidence of known race in each district was "white" (43%, green blocks).

Reported Cases and Rate per 100,000 Population for Virginia Children with Blood Lead Levels ≥ 10 µg/dL, by Age Group, for 2006

Age	Population Totals* Ages 0 - 15	2006 Lead Cases	Rate per 100,000
0 to 4	513,018	419	81.7
5 to 9	482,660	87	18.0
10 to 15	618,600	9	1.5
Total	1,614,278	515	31.9

Most childhood lead testing occurs in children less than five years old. This contributes to an incidence rate for 0 to 4 year-olds that is more than double the statewide rate.

Reported Cases and Rate per 100,000 Population for Virginia Children with Blood Lead Levels ≥ 10 µg/dL, by Race of Child, for 2006

Race	Population Totals* Age 0 to 15	2006 Lead Cases**	Rate per 100,000
Nonwhite	502,609	235	46.8
White	1,111,669	141	12.7
Total	1,614,278	376	23.3

Although the population of white children age 0 - 15 is more than double the population of nonwhite children, the incidence rate for lead in white children is less than one third of the rate for nonwhite children.

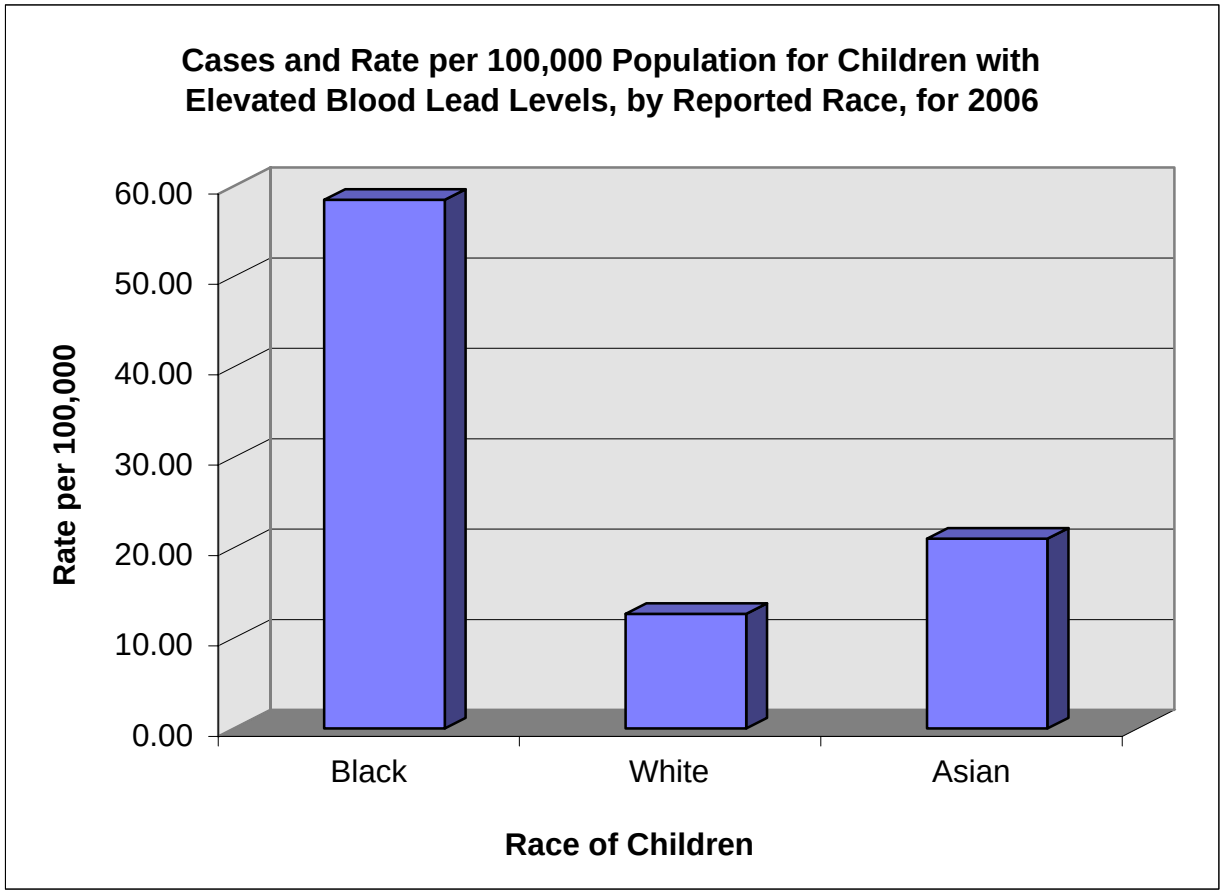
* Population totals based on 2005 estimates from the Census Bureau.

** Excludes reported cases of unknown race.

Reported Cases and Rate per 100,000 Population* for Virginia Children with Blood Lead Levels ≥ 10 µg/dL, by Reported Race, for 2006

Race	Total Cases	Population Total Age 0 to 15	Rate per 100,000
Black	217	371,025	58.49
White	141	1,111,669	12.68
Asian	15	71,446	20.99
Total	373	1,554,140	24.00

* Population totals based on 2005 population estimates from the Census Bureau.



The above data exclude children reported as unknown race (n=113); biracial or more than one race (n=3); or Hispanic ethnicity with no race indicated (n=26). The incidence rate for black children was 4.6 times greater than the rate for white children, and 2.8 times greater than the rate for Asian children.

Patient Status of Reported Cases of Elevated Blood Lead Levels for Virginia Children, by Health District, for 2006

Health District	Health Department Patient	Non-Health Department Patient	Total
Alexandria	2	9	11
Alleghany	0	3	3
Arlington	4	4	8
Central Shenandoah	1	21	22
Central Virginia	3	15	18
Chesapeake	0	5	5
Chesterfield	0	10	10
Chickahominy	0	1	1
Crater	6	20	26
Cumberland Plateau	0	11	11
Eastern Shore	1	7	8
Fairfax	1	40	41
Hampton	2	7	9
Henrico	1	17	18
Lenowisco	0	3	3
Lord Fairfax	2	7	9
Loudoun	2	3	5
Mount Rogers	0	8	8
New River	0	8	8
Norfolk	2	13	15
Peninsula	0	19	19
Piedmont	0	16	16
Pittsylvania/Danville	1	25	26
Portsmouth	0	10	10
Prince William	1	14	15
Rappahannock	0	16	16
Rappahannock/Rapidan	0	8	8
Richmond City	1	85	86
Roanoke City	8	14	22
Southside	0	9	9
Thomas Jefferson	0	11	11
Three Rivers	0	13	13
Virginia Beach	0	5	5
West Piedmont	1	5	6
Western Tidewater	1	13	14
Total	40	475	515

The above data are generally based on the initial screening visit for the child. The vast majority of reported cases (92%) were first seen by a private physician as opposed to visiting a local health department. Forty-eight percent (n=17) of the health districts listed no cases as health department patients.

FACILITIES REPORTING CHILDREN WITH ELEVATED BLOOD LEAD LEVELS DURING 2006

Reporting Facility	2006 Cases	Percent of Total
Laboratory	475	92.2%
Hospital	25	4.9%
Physician's Office	15	2.9%
Total	515	100.0%

The vast majority of cases reported with elevated blood lead levels were received from laboratories, which include both private and state-operated facilities. The laboratory reporting the highest number of new cases was Labcorp (266 = 55.8%), followed by VCU Health System - MCV (64 = 13.4%), and AML (31 = 6.5%). Initial reports sent by a hospital were received from Children's Hospital of the King's Daughters in Norfolk (23 = 92.0%), Lakeview Medical Center (1 = 4.0%) and Williamsburg RMC (1 = 4.0%).

ADDRESS STATUS FOR CHILDREN REPORTED WITH ELEVATED BLOOD LEAD LEVELS DURING 2006

Address Status	2006 Cases	Percent of Total
Current Home Address	512	99.4%
Home Address Unknown	3	0.6%
Total	515	100.0%

When the child's home address is unknown, the address recorded is that of the physician or screening facility. To the extent possible, missing data are obtained through assistance and cooperation with the local health departments. In general, the percentage of cases with an unknown home address has continually been reduced from a high of 12.8% in 1994. This year represents the lowest number of cases in which the home address is unknown.

PATIENT STATUS FOR CHILDREN REPORTED WITH ELEVATED BLOOD LEAD LEVELS DURING 2006

Patient Status	2006 Cases	Percent of Total
Non - Health Department Patients	475	92.2%
Health Department Patients	40	7.8%
Total	515	100.0%

The majority of cases reported in 2006 were for children receiving their initial lead screening in the private sector as opposed to a local health department. The percentage of health department patients reported in 2006 (7.8%) decreased from the percentage of health department patients reported in 2005 (10.0%). The decrease in health department patients between 2005 and 2006 continues a downward trend in the numbers of children receiving their initial lead screening at a local health department. However, many of these children seen by a private physician receive case management services, including environmental risk assessments, from their local health departments.

SCREENING TEST TYPE FOR CHILDREN REPORTED WITH ELEVATED BLOOD LEAD LEVELS IN VIRGINIA DURING 2006

Screening Test Type	2006 Cases	Percent of Total
Venous	410	79.6%
Unknown (suspect)	33	6.4%
Type 2	72	14.0%
Total	515	100.0%

The majority of screening test types were reported as venous. Unknown (suspect) refers to a single elevated test which was not designated as capillary or venous, and for which a follow-up test or secondary test was not reported. Type 2 refers to two tests, reported within twelve weeks of each other, with blood lead levels $\geq$ 10 µg/dL reported as either capillary or unknown. Venous tests are the preferred method of testing.

FREQUENCY OF REPEAT TESTING FOR CHILDREN REPORTED WITH ELEVATED BLOOD LEAD LEVELS IN VIRGINIA DURING 2006

Total Number of Elevated Test Results*	Number of Children	Percent of Total
1	238	46.2%
2	148	28.7%
3	72	14.0%
4	24	4.7%
5	17	3.3%
6	10	1.9%
7	5	1.0%
8	1	0.2%
Total	515	100.0%

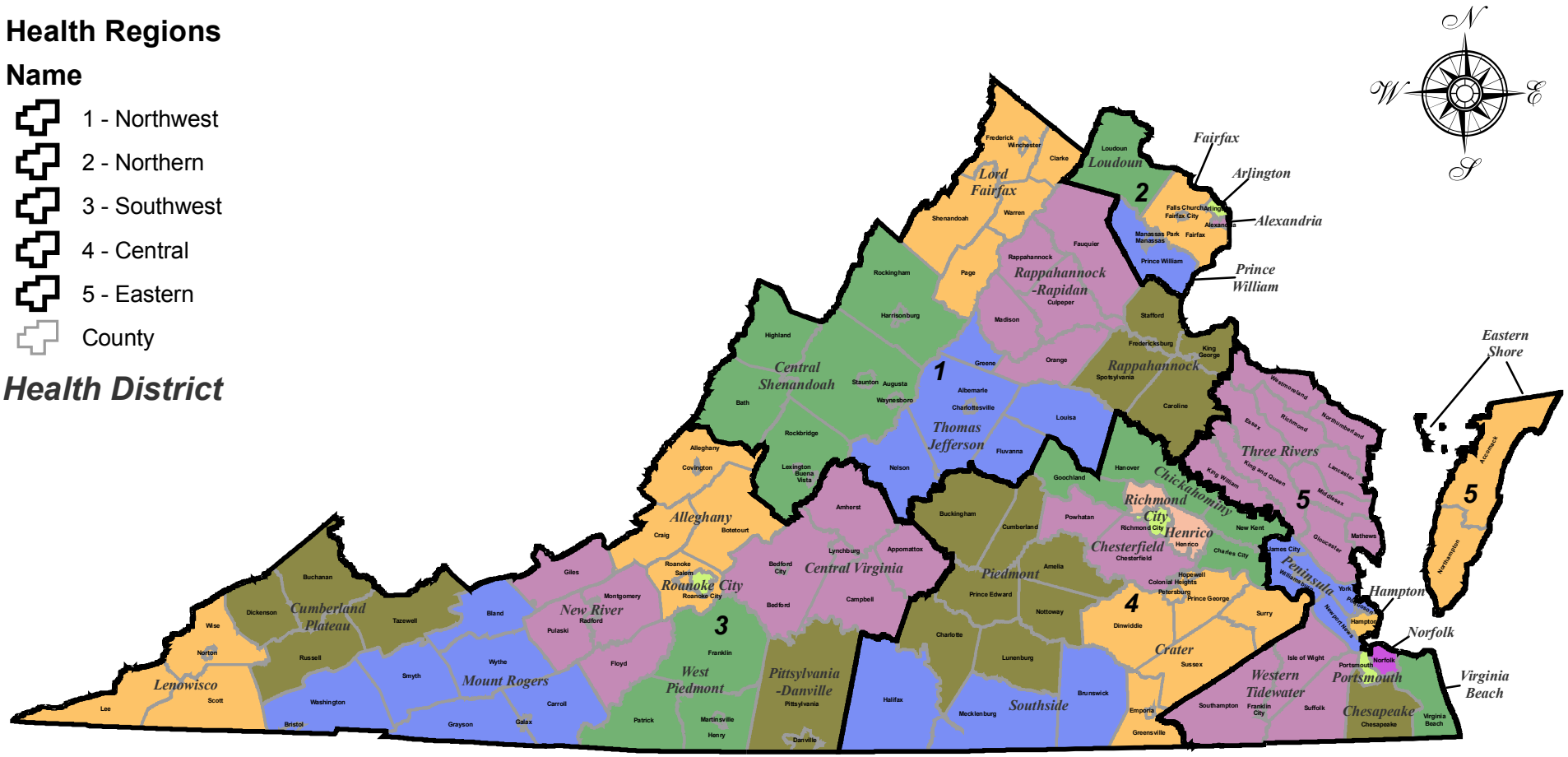
The majority of children with elevated blood lead levels in 2006 were recorded with one test $\geq$ 10 µg/dL (238 = 46.2%). Of these children, 191 were found to have lead levels in the 10 -14 µg/dL range, 29 were found to have lead levels in the 15 - 19 µg/dL range, 13 were found to have lead levels in the 20 - 24 µg/dL range, and 5 were found to have lead levels in the 25 - 44 µg/dL range. While these children were reported with one elevated test result, it is possible that follow-up testing did occur but was not reported because the resulting level was less than 10 µg/dL. Of the 238 single elevated tests, 27 were reported as unknown test type, and 211 were reported as venous.

* Initial blood lead screening tests for these children were performed in 2006. The number of repeat tests were recorded through 07/11/2007 to provide the most current data available for each child.

Health District Statistics

This section of the 2006 annual report on surveillance data for Virginia children with elevated blood lead levels contains tables and charts which summarize the data for each health district. If an individual health district had less than ten reported cases of elevated lead, tables represents the data. If the district had ten or more cases, color charts represent the data. The data reflect total number of cases by race, sex, age, and range of blood lead level. Where applicable, the number of cases from each locality within a health district is provided. The final data set represents the number of health department patients versus non-health department patients within each district.

Virginia Department of Health
Regions and Districts

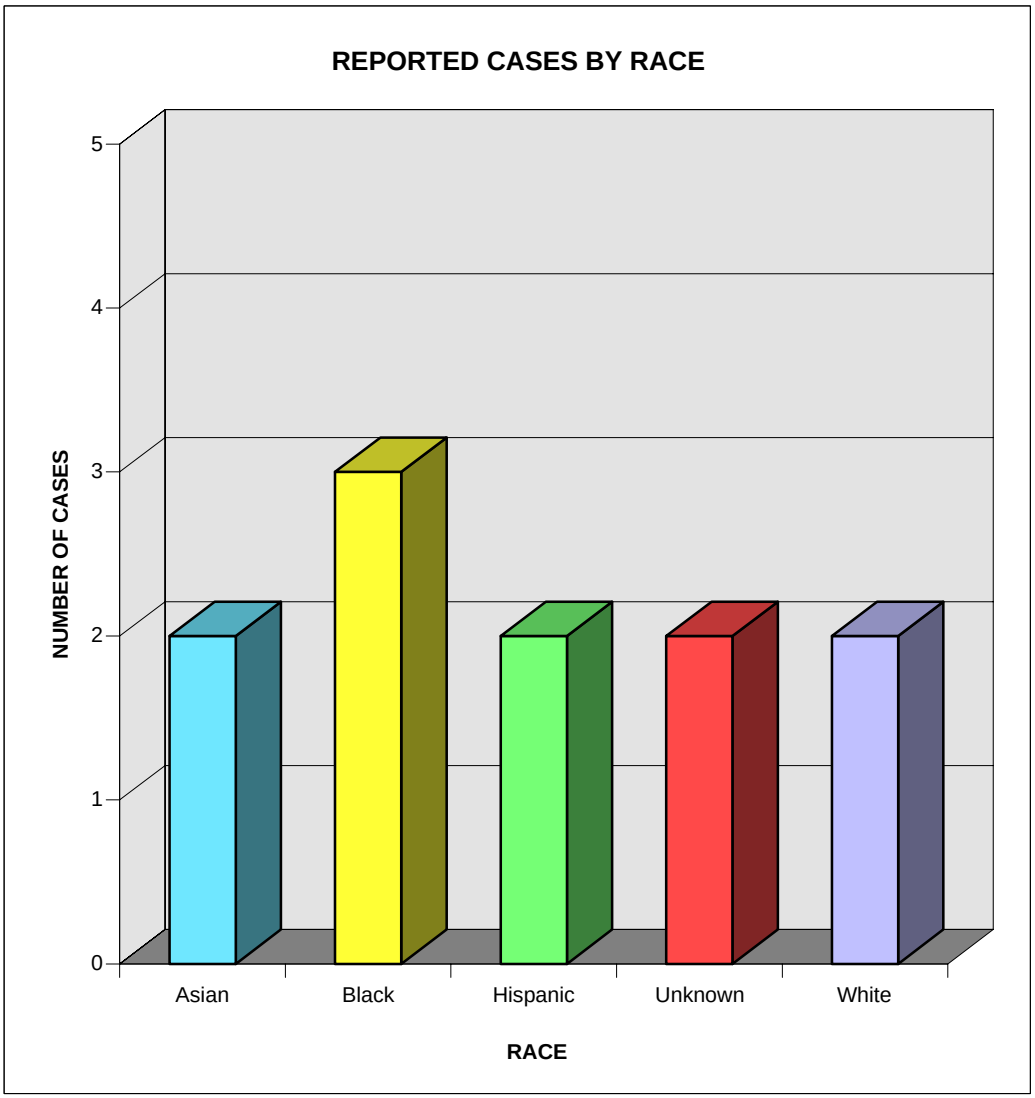


Virginia Department of Health - Office of Information Management - Geographic Information System - 06/06

VDH VIRGINIA DEPARTMENT OF HEALTH
Protecting You and Your Environment

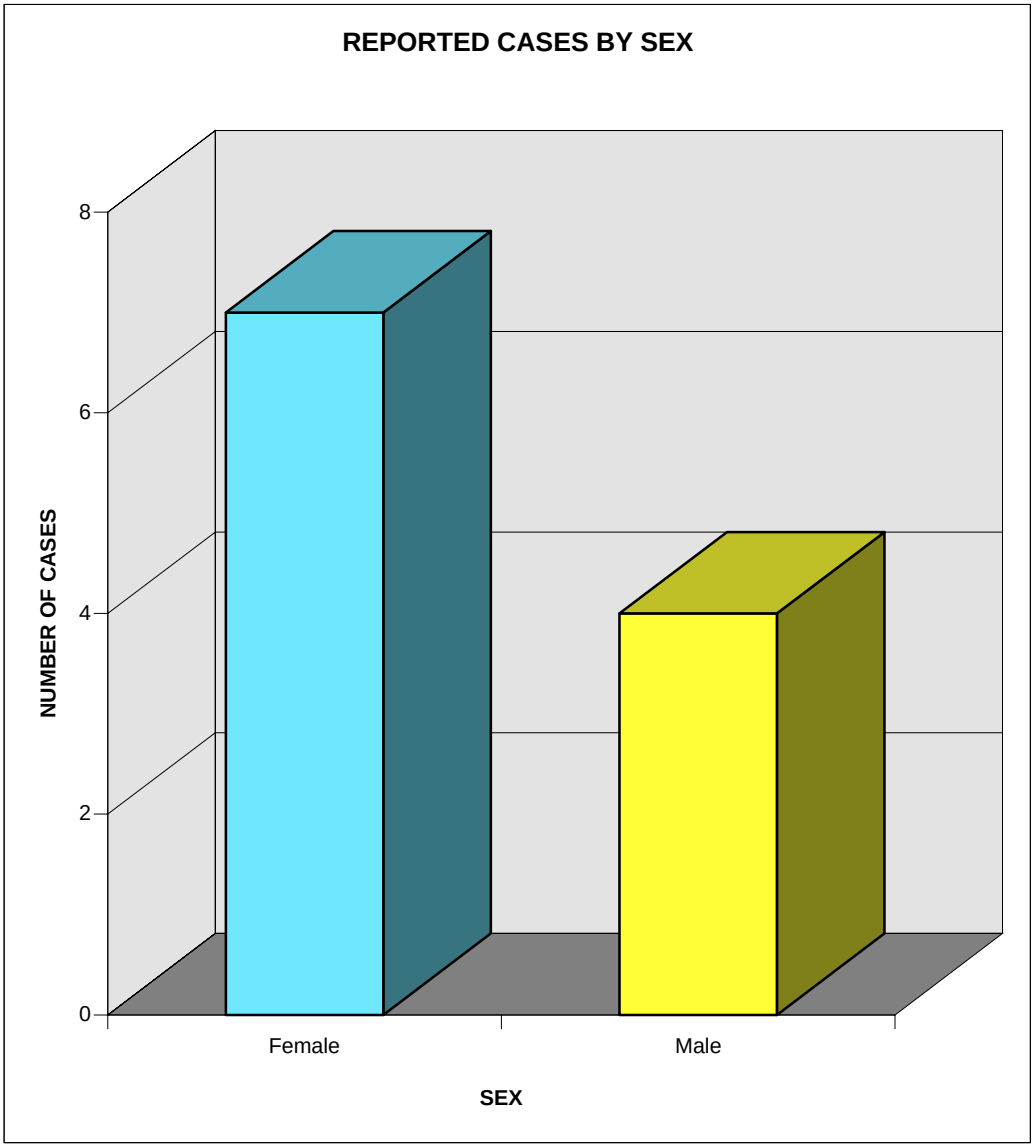
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY RACE, ALEXANDRIA HEALTH DISTRICT, 2006

RACE	Number of Cases	Percent of Total
Asian	2	18.2%
Black	3	27.3%
Hispanic	2	18.2%
Unknown	2	18.2%
White	2	18.2%
Total	11	100.0%



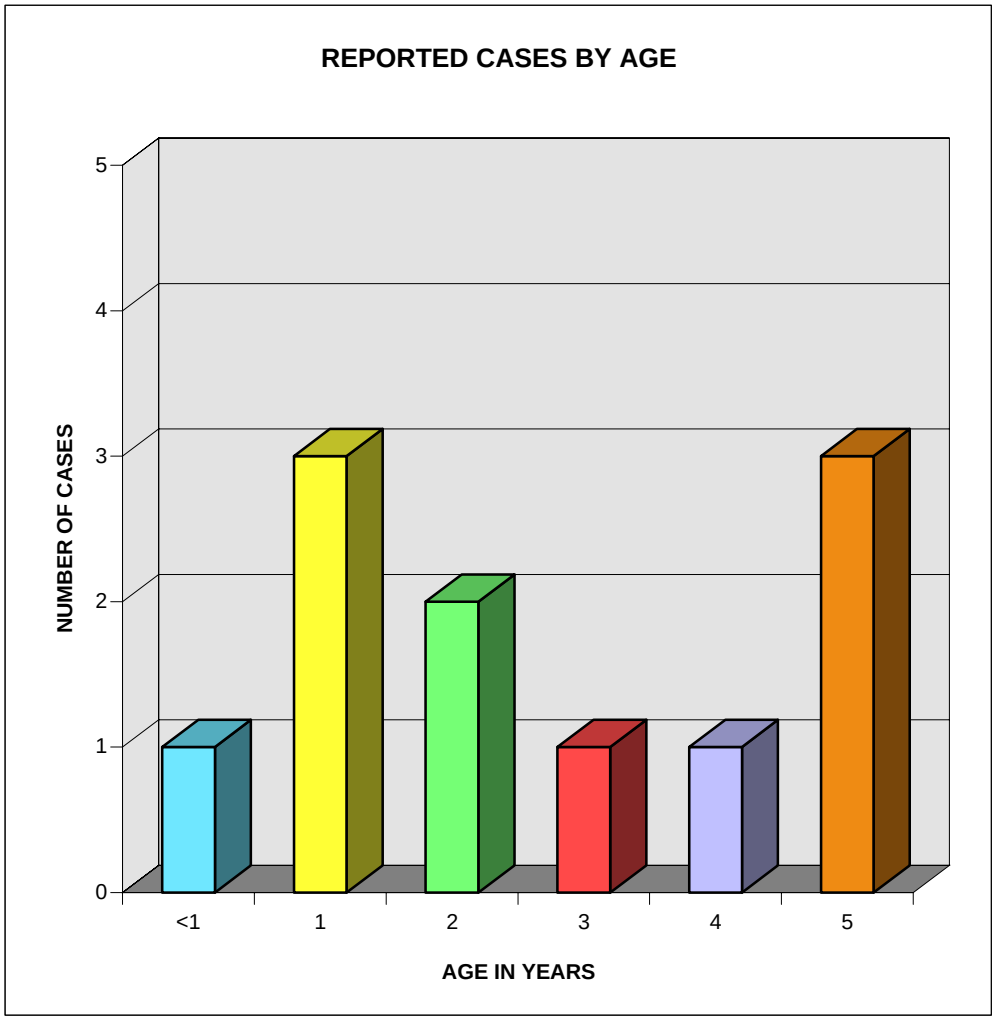
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY SEX, ALEXANDRIA HEALTH DISTRICT, 2006

SEX	Number of Cases	Percent of Total
Female	7	63.6%
Male	4	36.4%
Total	11	100.0%



REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY AGE, ALEXANDRIA HEALTH DISTRICT, 2006

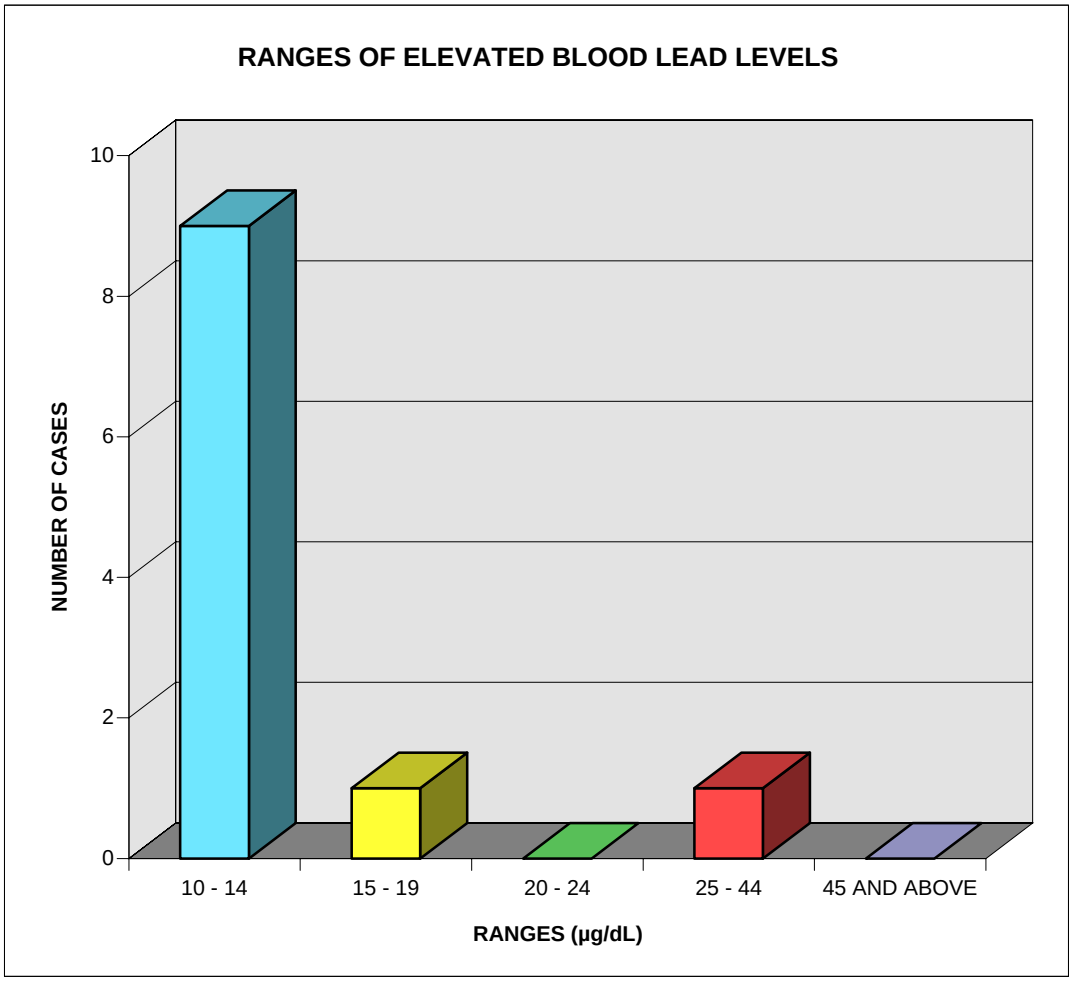
AGE IN YEARS	Number of Cases	Percent of Total
<1	1	9.1%
1	3	27.3%
2	2	18.2%
3	1	9.1%
4	1	9.1%
5	3	27.3%
Total	11	100.0%



REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS BY RANGE OF ELEVATION, ALEXANDRIA HEALTH DISTRICT, 2006

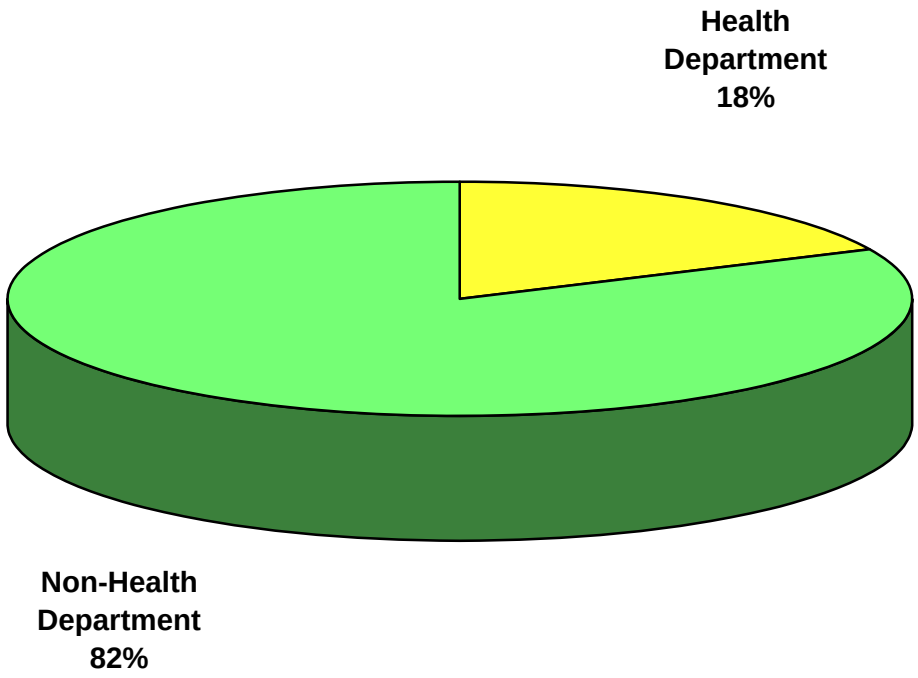
RANGES (µg/dL)*	Number of Cases	Percent of Total
10 - 14	9	81.8%
15 - 19	1	9.1%
20 - 24	0	0.0%
25 - 44	1	9.1%
45 AND ABOVE	0	0.0%
Total	11	100.0%

*Ranges reported in micrograms per deciliter (µg/dL)



REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY PATIENT STATUS, ALEXANDRIA HEALTH DISTRICT, 2006

PATIENT STATUS	Number of Cases	Percent of Total
Health Department	2	18.2%
Non-Health Department	9	81.8%
Total	11	100.0%



REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY RACE, ALLEGHANY HEALTH DISTRICT, 2006

RACE	Number of Cases	Percent of Total
Unknown	1	33.3%
White	2	66.7%
Total	3	100.0%

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY SEX, ALLEGHANY HEALTH DISTRICT, 2006

SEX	Number of Cases	Percent of Total
Female	1	33.3%
Male	2	66.7%
Total	3	100.0%

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY AGE, ALLEGHANY HEALTH DISTRICT, 2006

AGE IN YEARS	Number of Cases	Percent of Total
1	2	66.7%
3	1	33.3%
Total	3	100.0%

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS BY RANGE OF ELEVATION, ALLEGHANY HEALTH DISTRICT, 2006

RANGES (µg/dL)*	Number of Cases	Percent of Total
10 - 14	2	66.7%
15 - 19	0	0.0%
20 - 24	0	0.0%
25 - 44	1	33.3%
45 AND ABOVE	0	0.0%
Total	3	100.0%

*Ranges reported in micrograms per deciliter (µg/dL)

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS BY LOCALITY, ALLEGHANY HEALTH DISTRICT, 2006

LOCALITY	Number of Cases	Percent of Total
Alleghany Co	2	66.7%
Botetourt Co	0	0.0%
Craig Co	0	0.0%
Roanoke Co	0	0.0%
Covington	0	0.0%
Salem	1	33.3%
Total	3	100.0%

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS BY PATIENT STATUS, ALLEGHANY HEALTH DISTRICT, 2006

PATIENT STATUS	Number of Cases	Percent of Total
Health Department	0	0.0%
Non-Health Department	3	100.0%
Total	3	100.0%

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY RACE, ARLINGTON HEALTH DISTRICT, 2006

RACE	Number of Cases	Percent of Total
Asian	2	25.0%
Hispanic	1	12.5%
Unknown	2	25.0%
White	3	37.5%
Total	8	100.0%

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY SEX, ARLINGTON HEALTH DISTRICT, 2006

SEX	Number of Cases	Percent of Total
Female	5	62.5%
Male	3	37.5%
Total	8	100.0%

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY AGE, ARLINGTON HEALTH DISTRICT, 2006

AGE IN YEARS	Number of Cases	Percent of Total
<1	1	12.5%
1	2	25.0%
4	2	25.0%
5	2	25.0%
7	1	12.5%
Total	8	100.0%

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS BY RANGE OF ELEVATION, ARLINGTON HEALTH DISTRICT, 2006

RANGES (µg/dL)*	Number of Cases	Percent of Total
10 - 14	5	62.5%
15 - 19	2	25.0%
20 - 24	0	0.0%
25 - 44	1	12.5%
45 AND ABOVE	0	0.0%
Total	8	100.0%

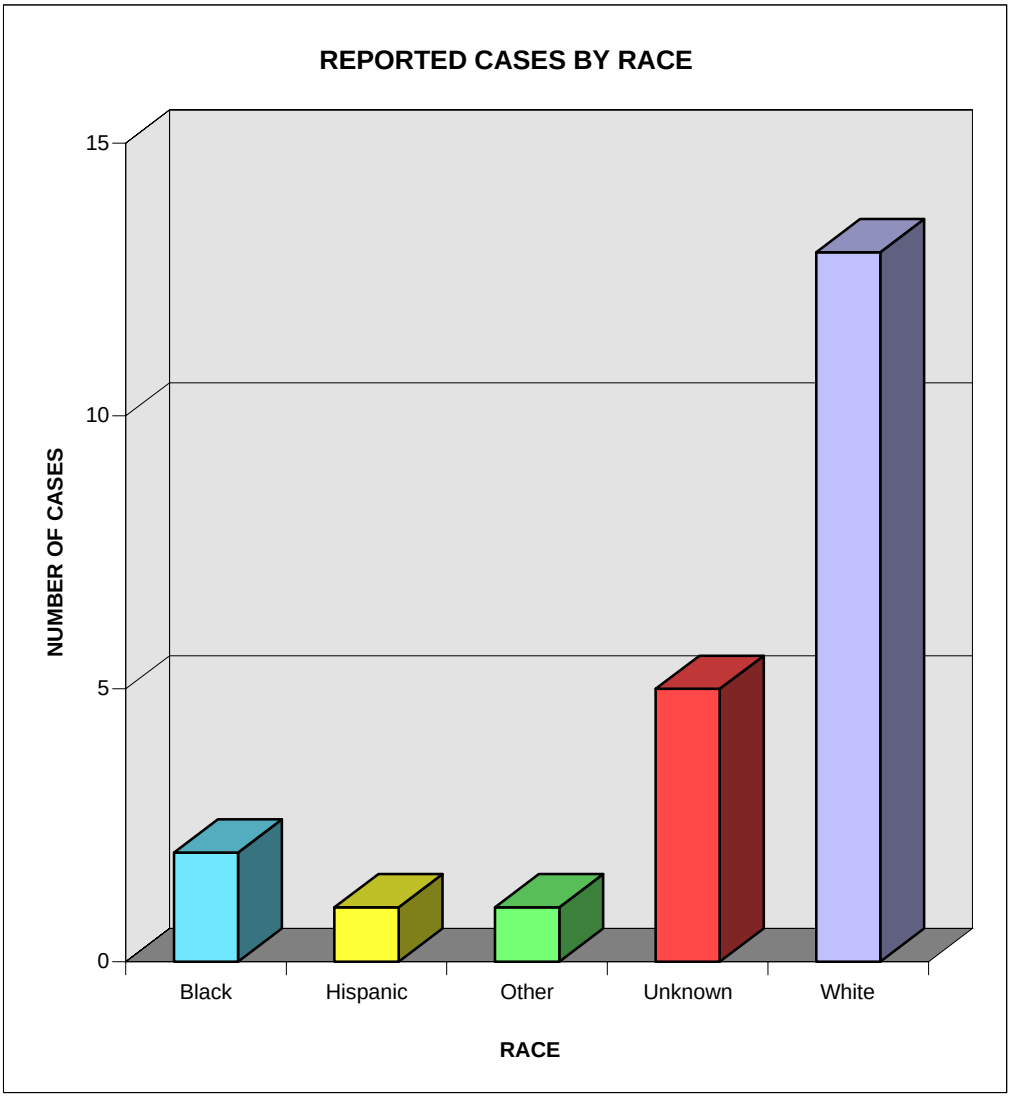
*Ranges reported in micrograms per deciliter (µg/dL)

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS BY PATIENT STATUS, ARLINGTON HEALTH DISTRICT, 2006

PATIENT STATUS	Number of Cases	Percent of Total
Health Department	4	50.0%
Non-Health Department	4	50.0%
Total	8	100.0%

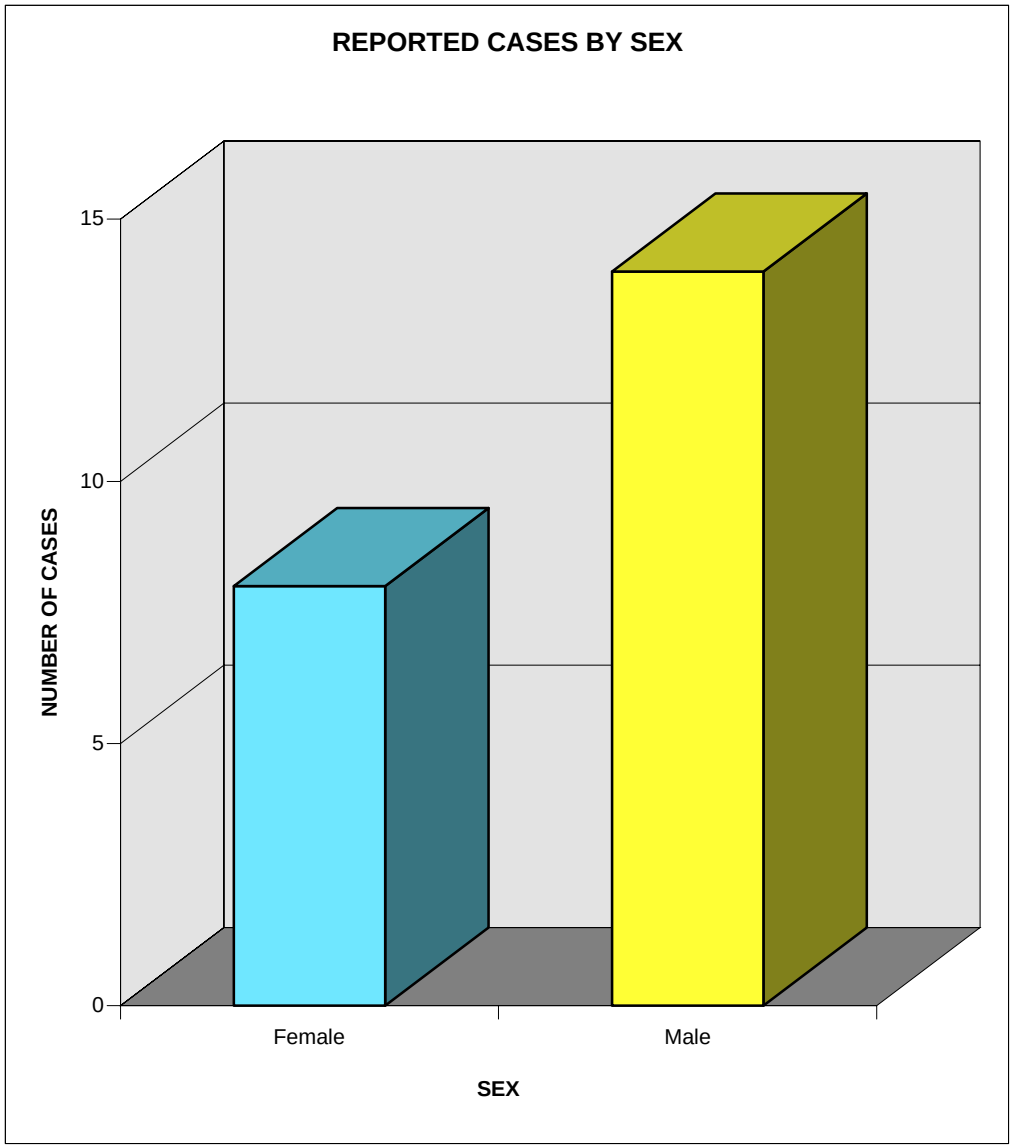
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY RACE, CENTRAL SHENANDOAH HEALTH DISTRICT, 2006

RACE	Number of Cases	Percent of Total
Black	2	9.1%
Hispanic	1	4.5%
Other	1	4.5%
Unknown	5	22.7%
White	13	59.1%
Total	22	100.0%



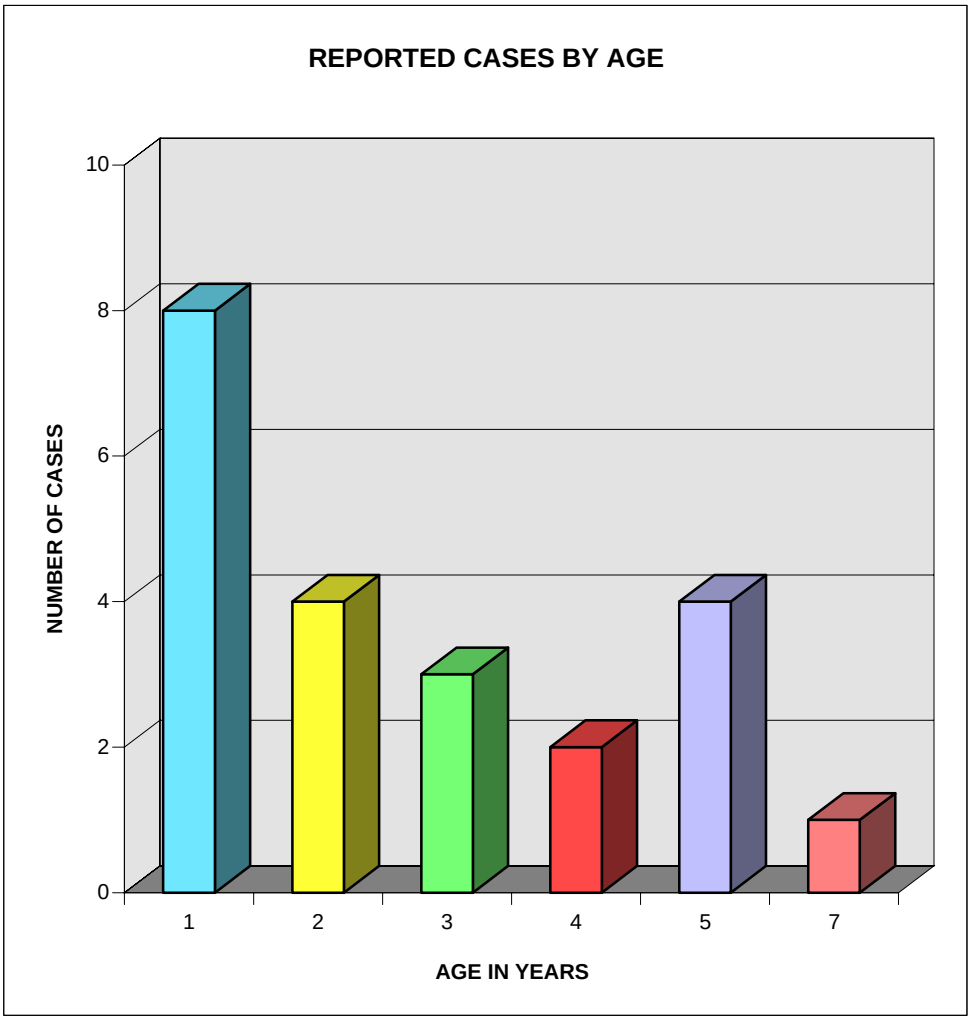
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY SEX, CENTRAL SHENANDOAH HEALTH DISTRICT, 2006

SEX	Number of Cases	Percent of Total
Female	8	36.4%
Male	14	63.6%
Total	22	100.0%



REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY AGE, CENTRAL SHENANDOAH HEALTH DISTRICT, 2006

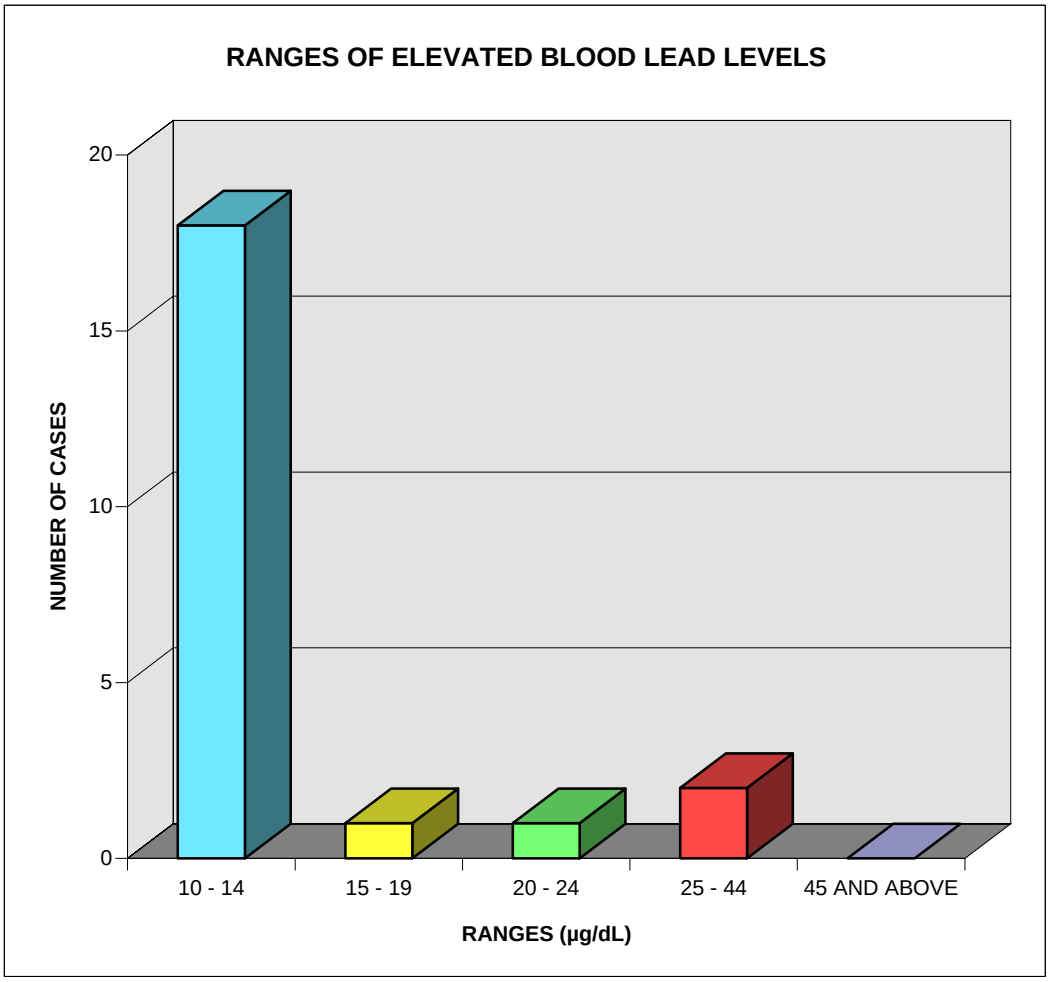
AGE IN YEARS	Number of Cases	Percent of Total
1	8	36.4%
2	4	18.2%
3	3	13.6%
4	2	9.1%
5	4	18.2%
7	1	4.5%
Total	22	100.0%



REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS BY RANGE OF ELEVATION, CENTRAL SHENANDOAH HEALTH DISTRICT, 2006

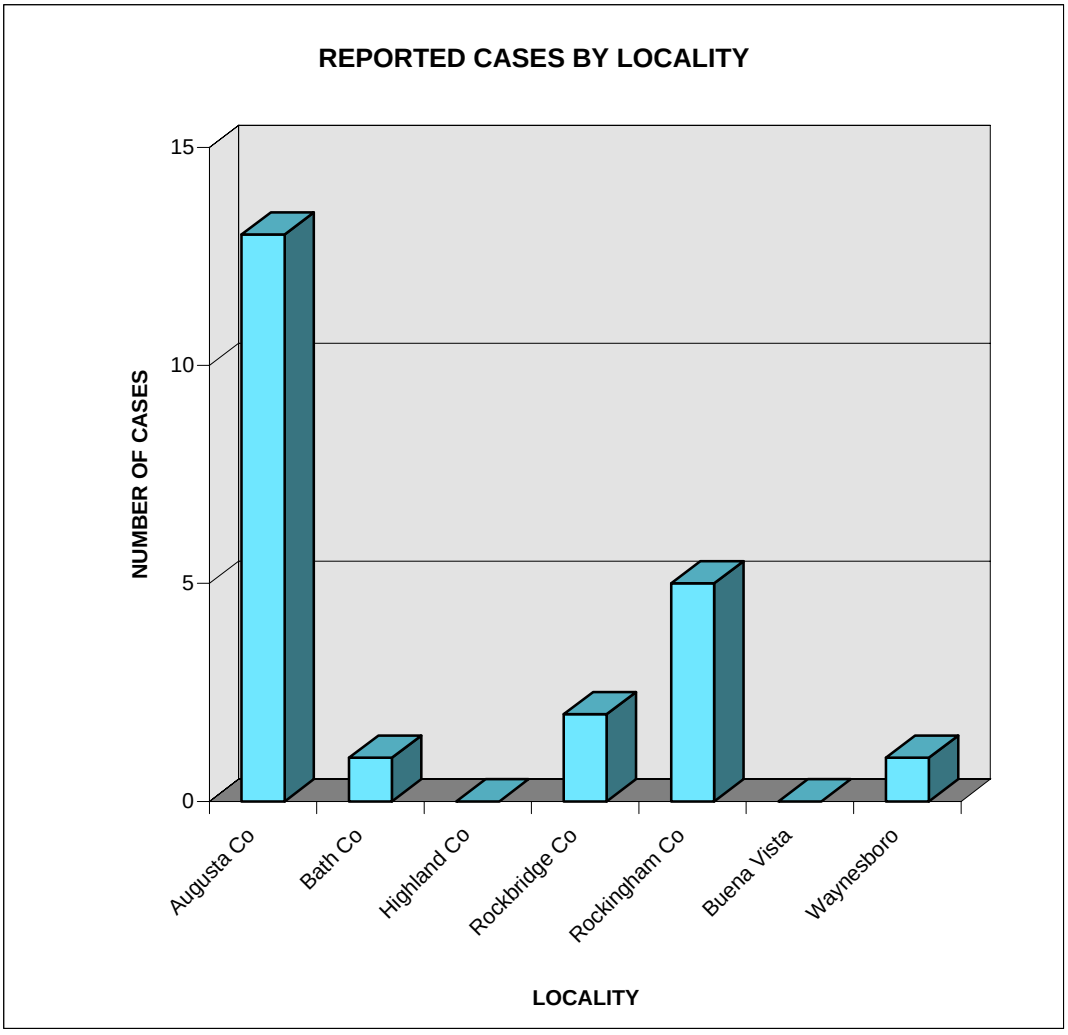
RANGES (µg/dL)*	Number of Cases	Percent of Total
10 - 14	18	81.8%
15 - 19	1	4.5%
20 - 24	1	4.5%
25 - 44	2	9.1%
45 AND ABOVE	0	0.0%
Total	22	100.0%

*Ranges reported in micrograms per deciliter (µg/dL)



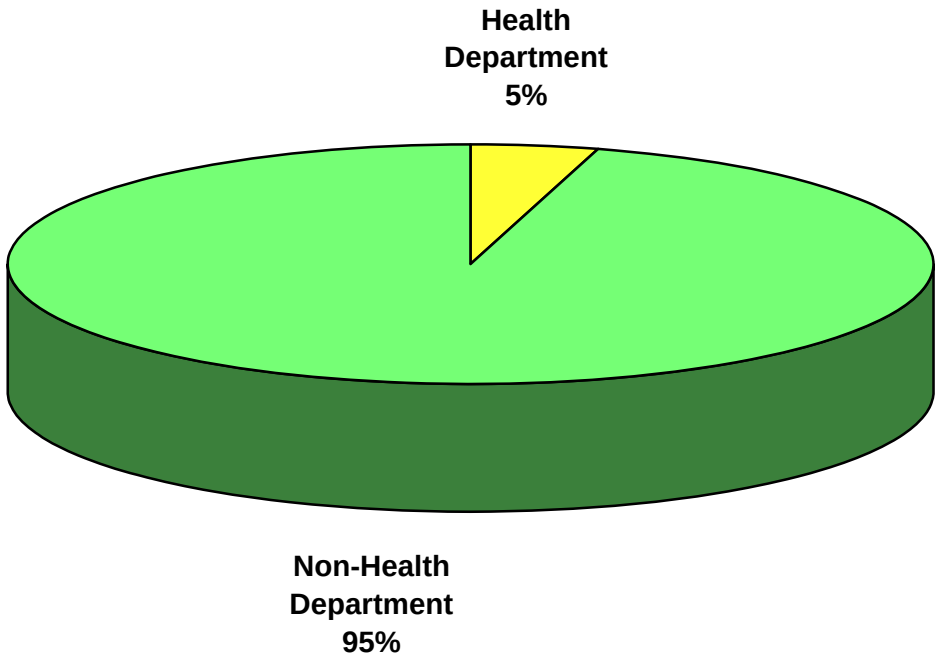
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY LOCALITY, CENTRAL SHENANDOAH HEALTH DISTRICT, 2006

LOCALITY	Number of Cases	Percent of Total
Augusta Co	13	59.1%
Bath Co	1	4.5%
Highland Co	0	0.0%
Rockbridge Co	2	9.1%
Rockingham Co	5	22.7%
Buena Vista	0	0.0%
Waynesboro	1	4.5%
Total	22	100.0%



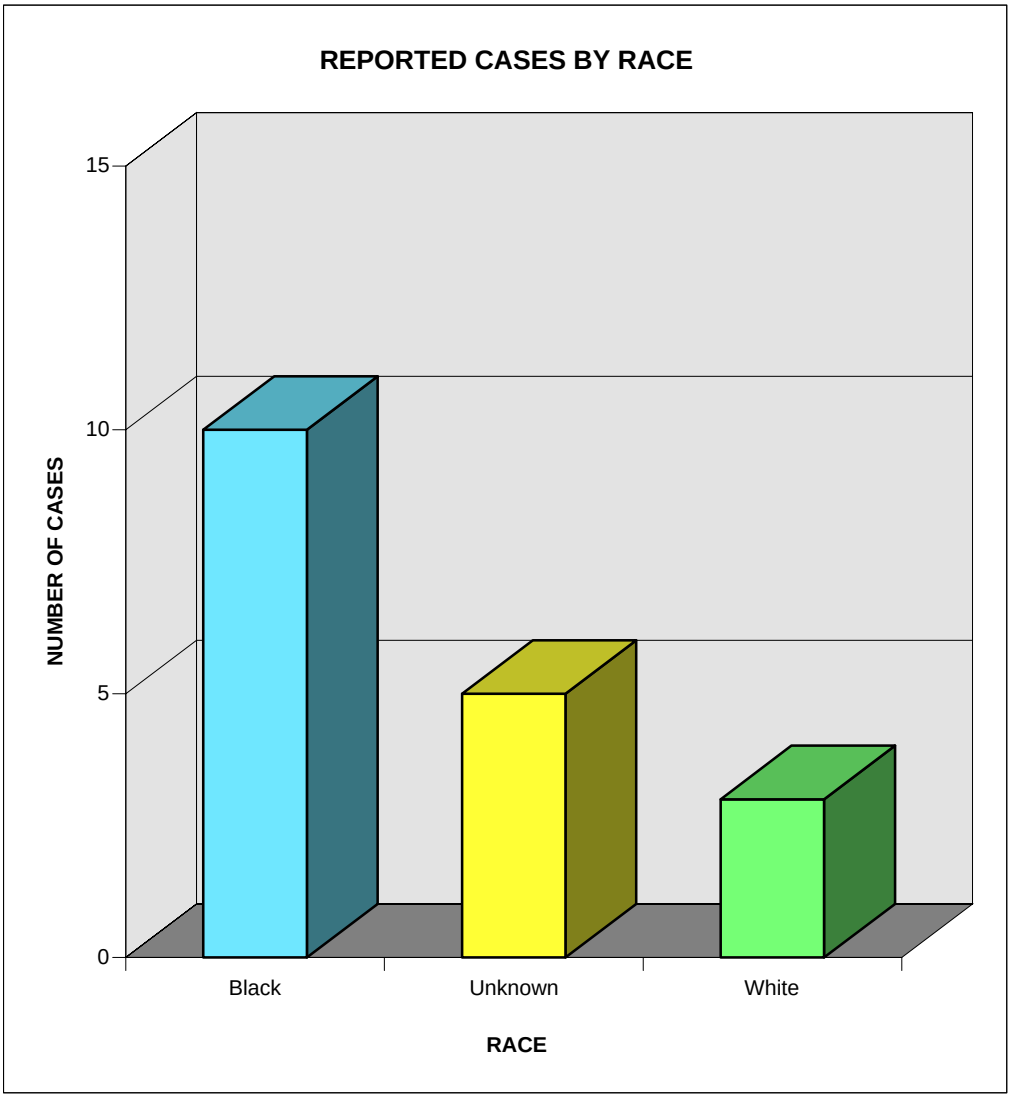
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY PATIENT STATUS, CENTRAL SHENANDOAH HEALTH DISTRICT, 2006

PATIENT STATUS	Number of Cases	Percent of Total
Health Department	1	4.5%
Non-Health Department	21	95.5%
Total	22	100.0%



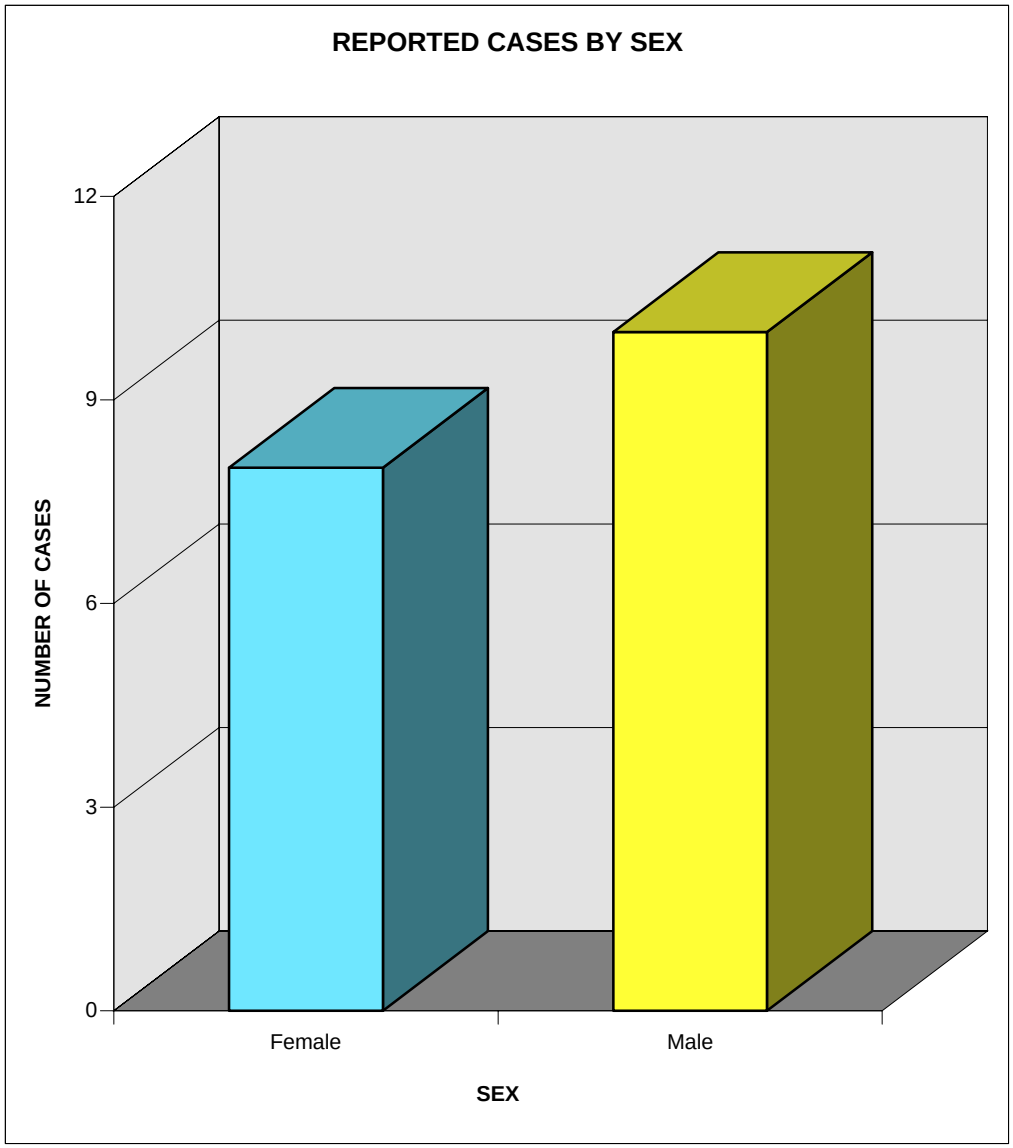
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY RACE, CENTRAL VIRGINIA HEALTH DISTRICT, 2006

RACE	Number of Cases	Percent of Total
Black	10	55.6%
Unknown	5	27.8%
White	3	16.7%
Total	18	100.0%



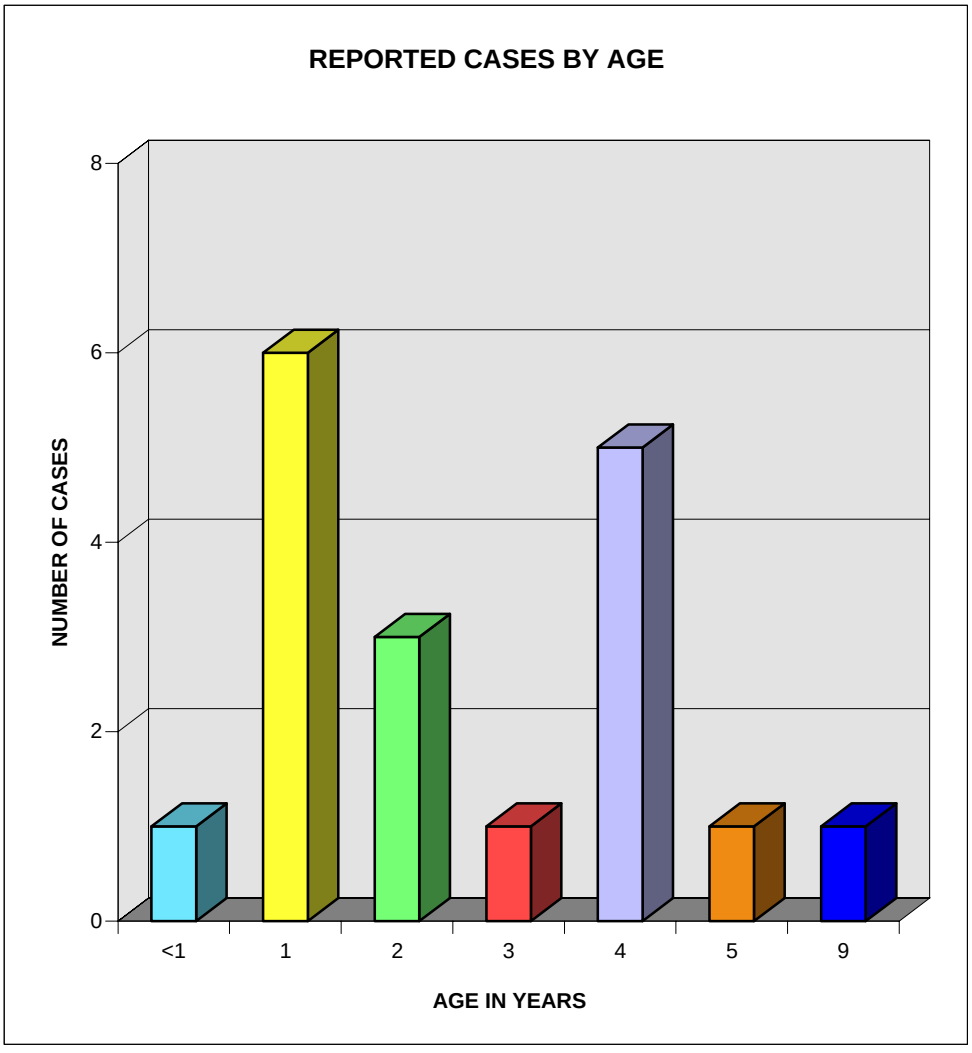
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY SEX, CENTRAL VIRGINIA HEALTH DISTRICT, 2006

SEX	Number of Cases	Percent of Total
Female	8	44.4%
Male	10	55.6%
Total	18	100.0%



REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY AGE, CENTRAL VIRGINIA HEALTH DISTRICT, 2006

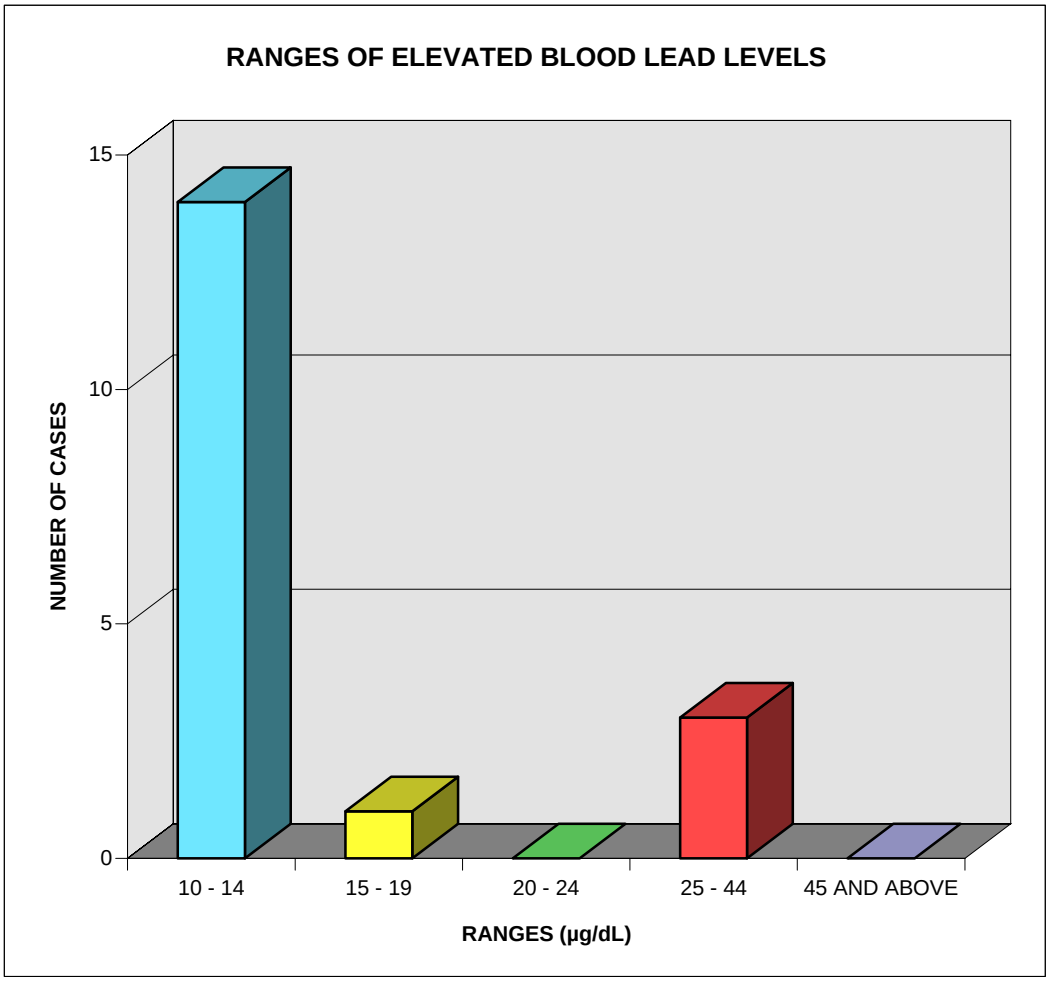
AGE IN YEARS	Number of Cases	Percent of Total
<1	1	5.6%
1	6	33.3%
2	3	16.7%
3	1	5.6%
4	5	27.8%
5	1	5.6%
9	1	5.6%
Total	18	100.0%



REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS BY RANGE OF ELEVATION, CENTRAL VIRGINIA HEALTH DISTRICT, 2006

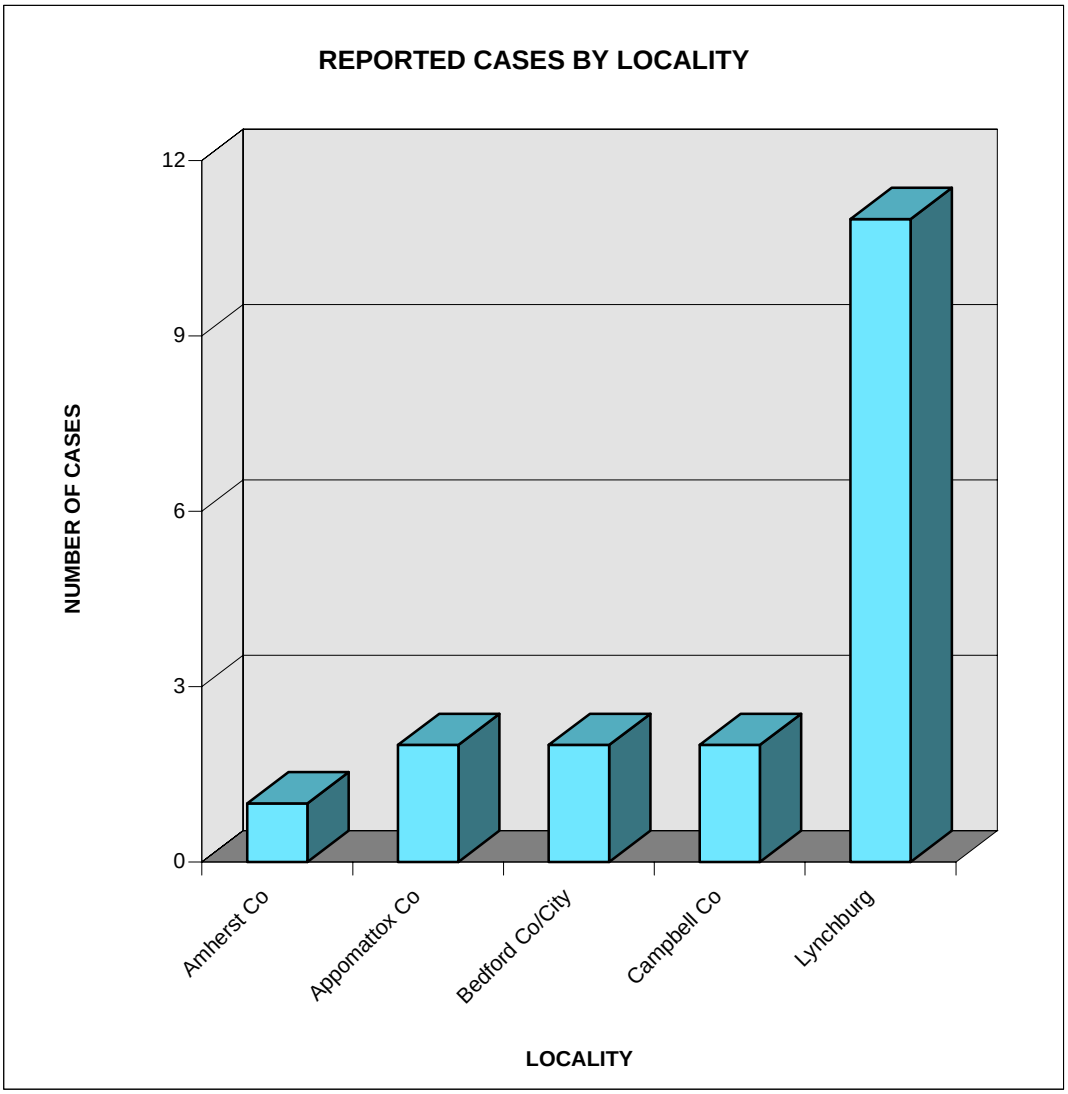
RANGES (µg/dL)*	Number of Cases	Percent of Total
10 - 14	14	77.8%
15 - 19	1	5.6%
20 - 24	0	0.0%
25 - 44	3	16.7%
45 AND ABOVE	0	0.0%
Total	18	100.0%

*Ranges reported in micrograms per deciliter (µg/dL)



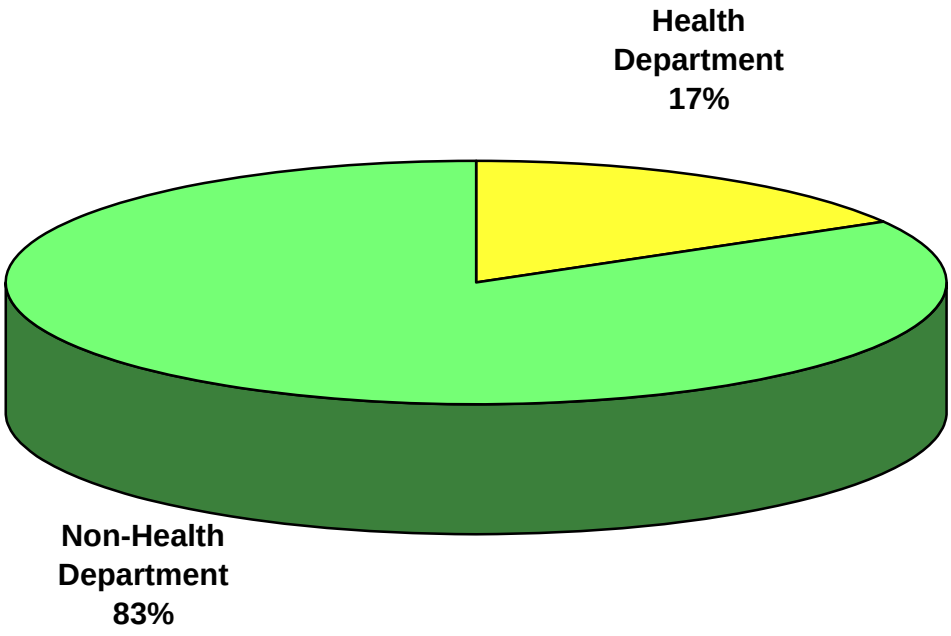
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY LOCALITY, CENTRAL VIRGINIA HEALTH DISTRICT, 2006

LOCALITY	Number of Cases	Percent of Total
Amherst Co	1	5.6%
Appomattox Co	2	11.1%
Bedford Co/City	2	11.1%
Campbell Co	2	11.1%
Lynchburg	11	61.1%
Total	18	100.0%



REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY PATIENT STATUS, CENTRAL VIRGINIA HEALTH DISTRICT, 2006

PATIENT STATUS	Number of Cases	Percent of Total
Health Department	3	16.7%
Non-Health Department	15	83.3%
Total	18	100.0%



REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY RACE, CHESAPEAKE HEALTH DISTRICT, 2006

RACE	Number of Cases	Percent of Total
Asian	1	20.0%
Black	3	60.0%
White	1	20.0%
Total	5	100.0%

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY SEX, CHESAPEAKE HEALTH DISTRICT, 2006

SEX	Number of Cases	Percent of Total
Female	1	20.0%
Male	4	80.0%
Total	5	100.0%

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY AGE, CHESAPEAKE HEALTH DISTRICT, 2006

AGE IN YEARS	Number of Cases	Percent of Total
<1	1	20.0%
2	2	40.0%
5	1	20.0%
14	1	20.0%
Total	5	100.0%

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS BY RANGE OF ELEVATION, CHESAPEAKE HEALTH DISTRICT, 2006

RANGES (µg/dL)*	Number of Cases	Percent of Total
10 - 14	4	80.0%
15 - 19	1	20.0%
20 - 24	0	0.0%
25 - 44	0	0.0%
45 AND ABOVE	0	0.0%
Total	5	100.0%

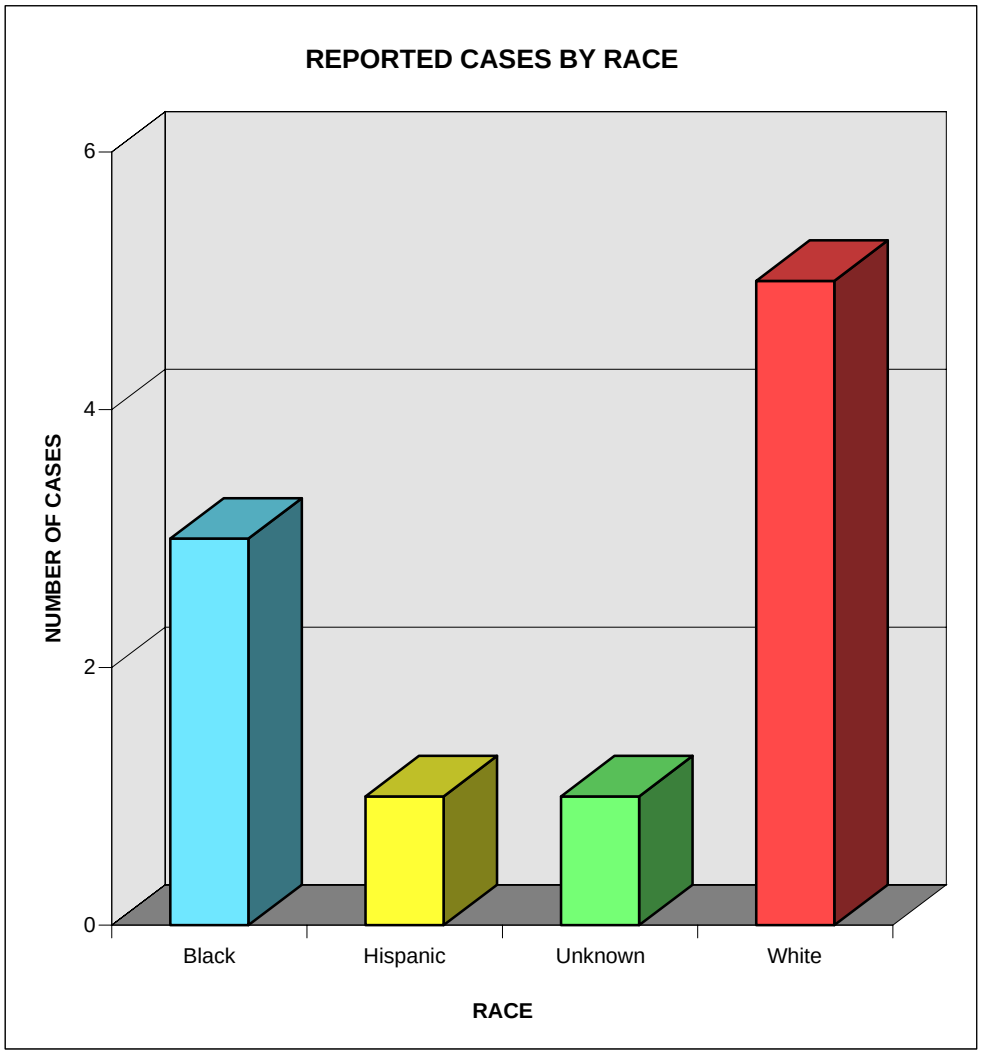
*Ranges reported in micrograms per deciliter (µg/dL)

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS BY PATIENT STATUS, CHESAPEAKE HEALTH DISTRICT, 2006

PATIENT STATUS	Number of Cases	Percent of Total
Health Department	0	0.0%
Non-Health Department	5	100.0%
Total	5	100.0%

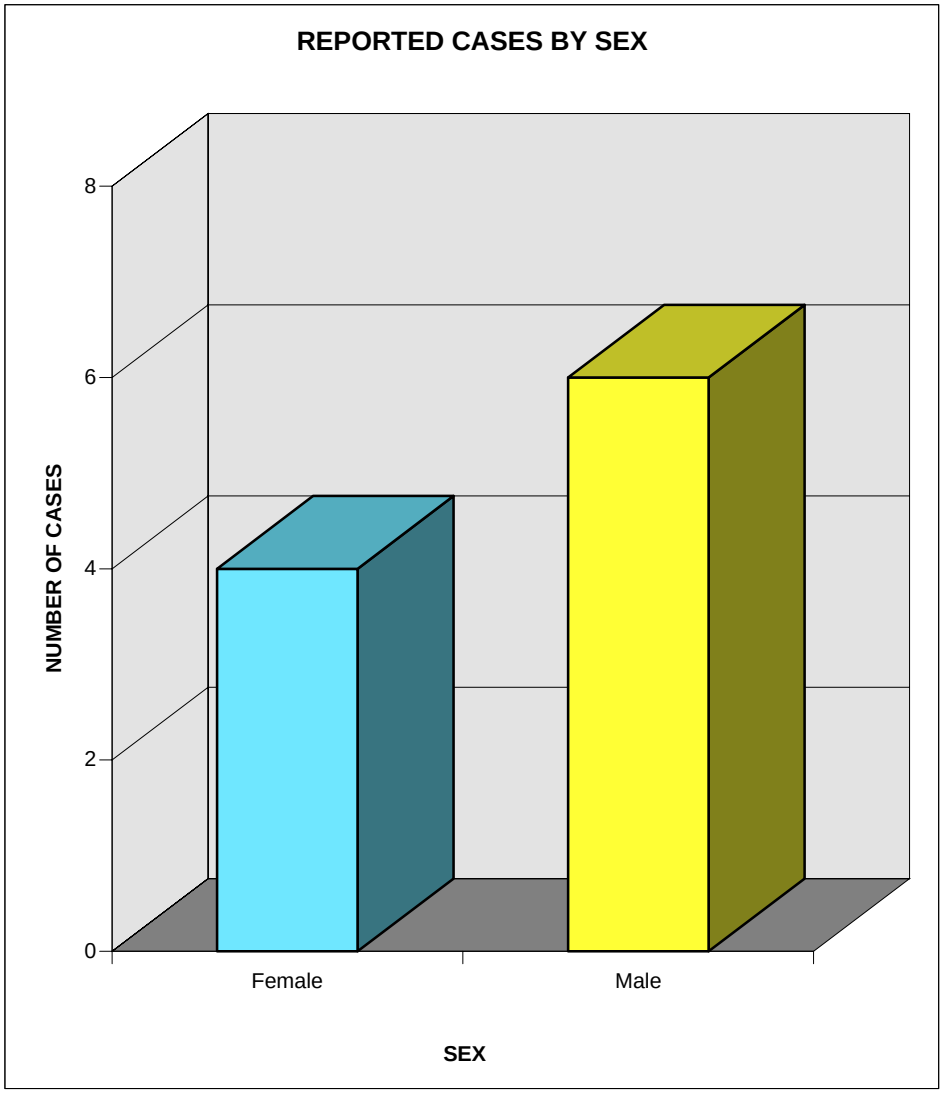
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY RACE, CHESTERFIELD HEALTH DISTRICT, 2006

RACE	Number of Cases	Percent of Total
Black	3	30.0%
Hispanic	1	10.0%
Unknown	1	10.0%
White	5	50.0%
Total	10	100.0%



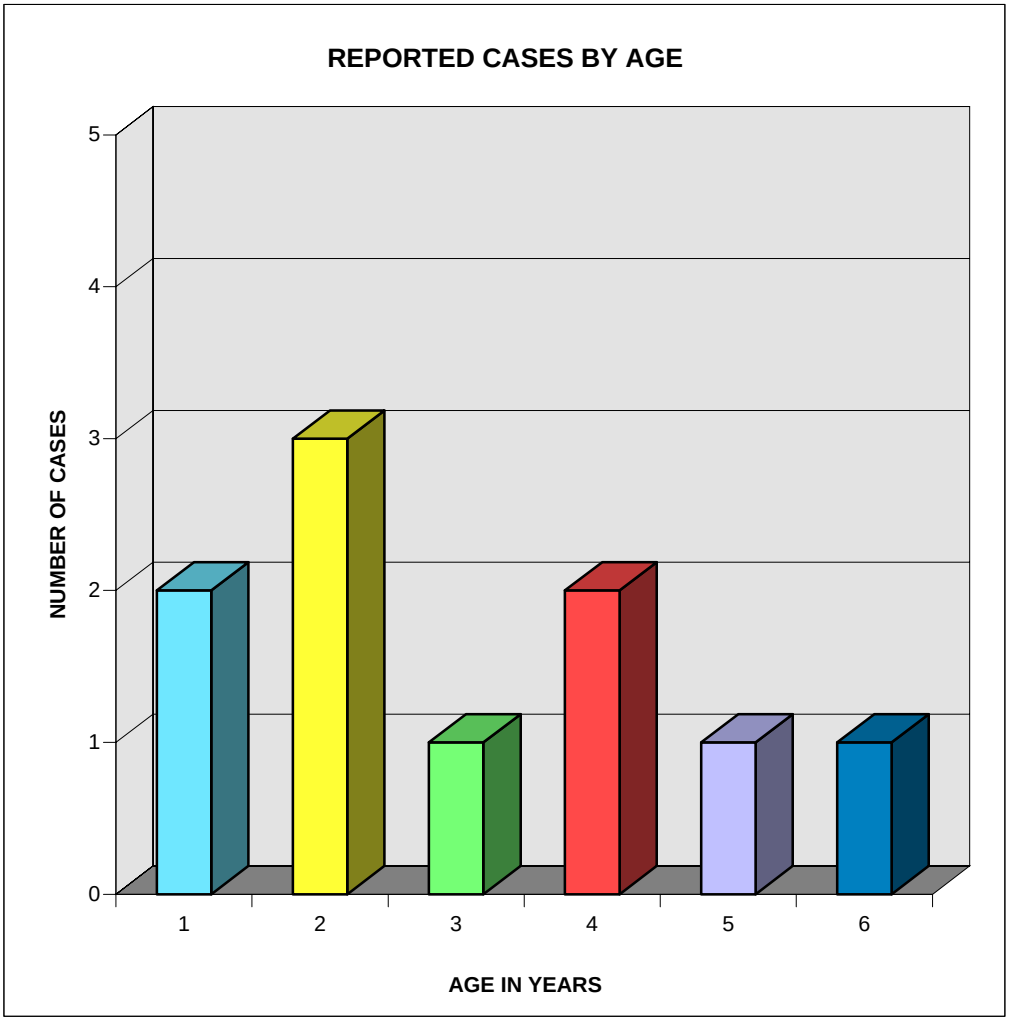
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY SEX, CHESTERFIELD HEALTH DISTRICT, 2006

SEX	Number of Cases	Percent of Total
Female	4	40.0%
Male	6	60.0%
Total	10	100.0%



REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY AGE, CHESTERFIELD HEALTH DISTRICT, 2006

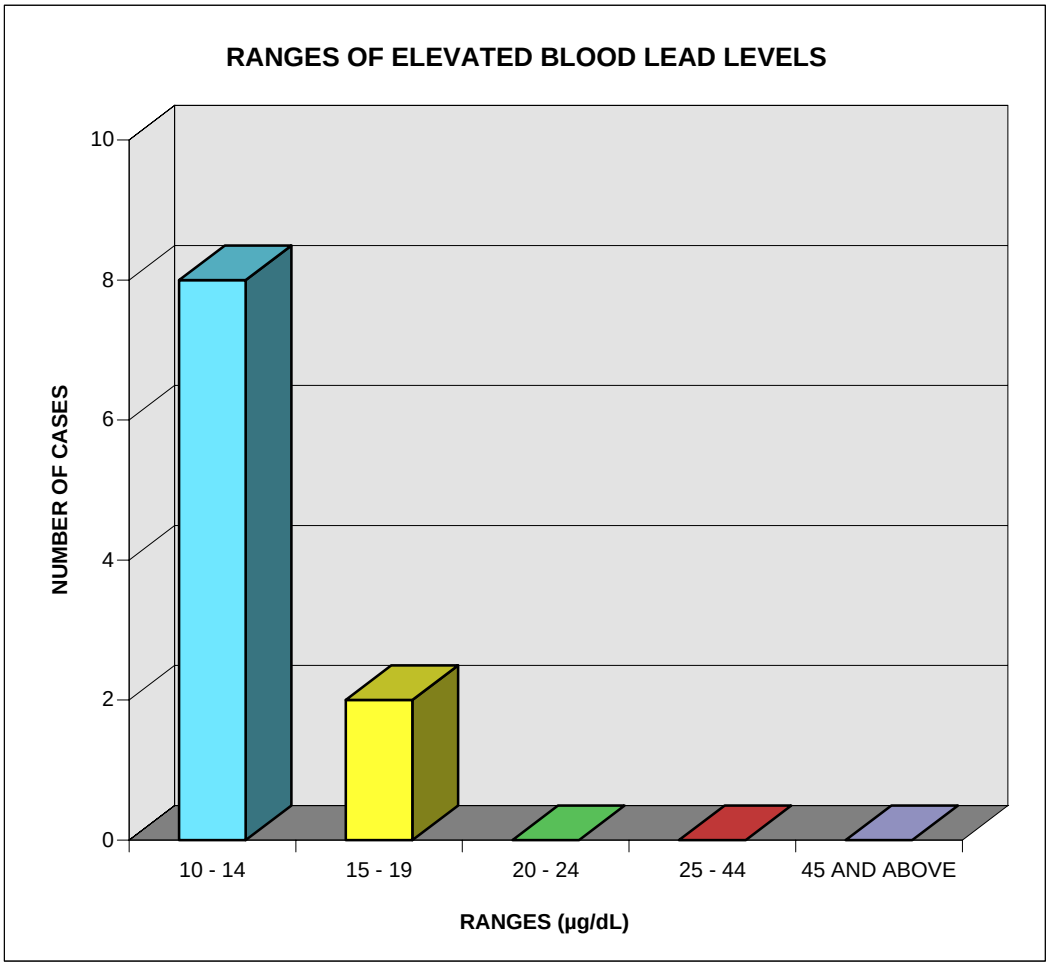
AGE IN YEARS	Number of Cases	Percent of Total
1	2	20.0%
2	3	30.0%
3	1	10.0%
4	2	20.0%
5	1	10.0%
6	1	10.0%
Total	10	100.0%



REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY RANGE OF ELEVATION, CHESTERFIELD HEALTH DISTRICT, 2006

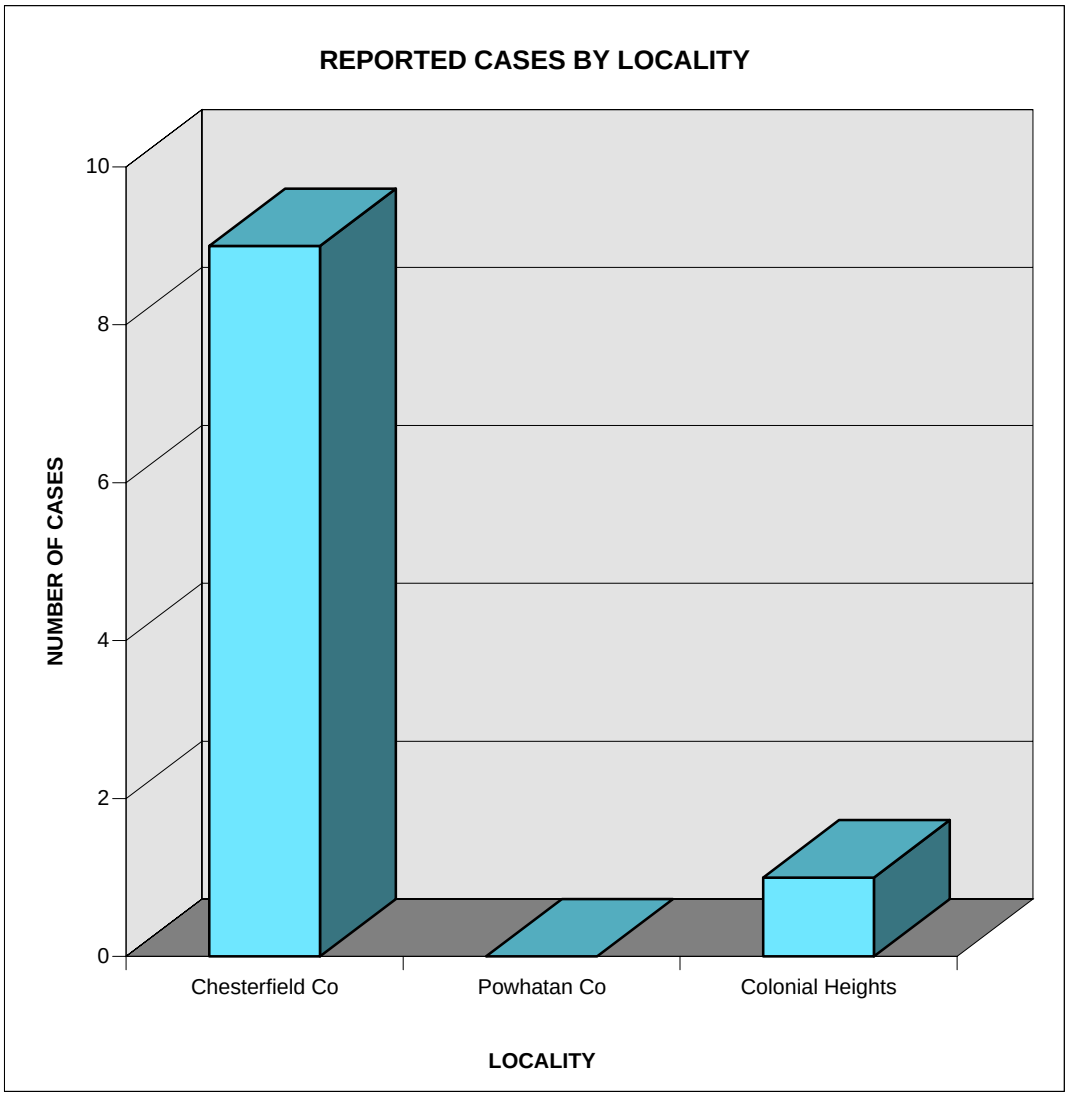
RANGES (µg/dL)*	Number of Cases	Percent of Total
10 - 14	8	80.0%
15 - 19	2	20.0%
20 - 24	0	0.0%
25 - 44	0	0.0%
45 AND ABOVE	0	0.0%
Total	10	100.0%

*Ranges reported in micrograms per deciliter (µg/dL)



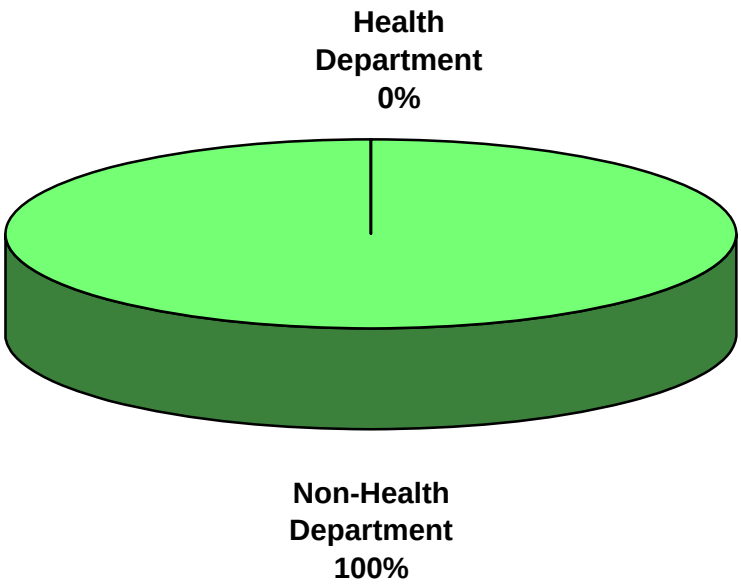
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY LOCALITY, CHESTERFIELD HEALTH DISTRICT, 2006

LOCALITY	Number of Cases	Percent of Total
Chesterfield Co	9	90.0%
Powhatan Co	0	0.0%
Colonial Heights	1	10.0%
Total	10	100.0%



REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY PATIENT STATUS, CHESTERFIELD HEALTH DISTRICT, 2006

PATIENT STATUS	Number of Cases	Percent of Total
Health Department	0	0.0%
Non-Health Department	10	100.0%
Total	10	100.0%



REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY RACE, CHICKAHOMINY* HEALTH DISTRICT, 2006

RACE	Number of Cases	Percent of Total
White	1	100.0%
Total	1	100.0%

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY SEX, CHICKAHOMINY HEALTH DISTRICT, 2006

SEX	Number of Cases	Percent of Total
Female	0	0.0%
Male	1	100.0%
Total	1	100.0%

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY AGE, CHICKAHOMINY HEALTH DISTRICT, 2006

AGE IN YEARS	Number of Cases	Percent of Total
10	1	100.0%
Total	1	100.0%

* Hanover Health District was renamed Chickahominy Health District in 2006.

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS BY RANGE OF ELEVATION, CHICKAHOMINY HEALTH DISTRICT, 2006

RANGES (µg/dL)*	Number of Cases	Percent of Total
10 - 14	1	100.0%
15 - 19	0	0.0%
20 - 24	0	0.0%
25 - 44	0	0.0%
45 and above	0	0.0%
Total	1	100.0%

*Ranges reported in micrograms per deciliter (µg/dL)

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS BY LOCALITY, CHICKAHOMINY HEALTH DISTRICT, 2006

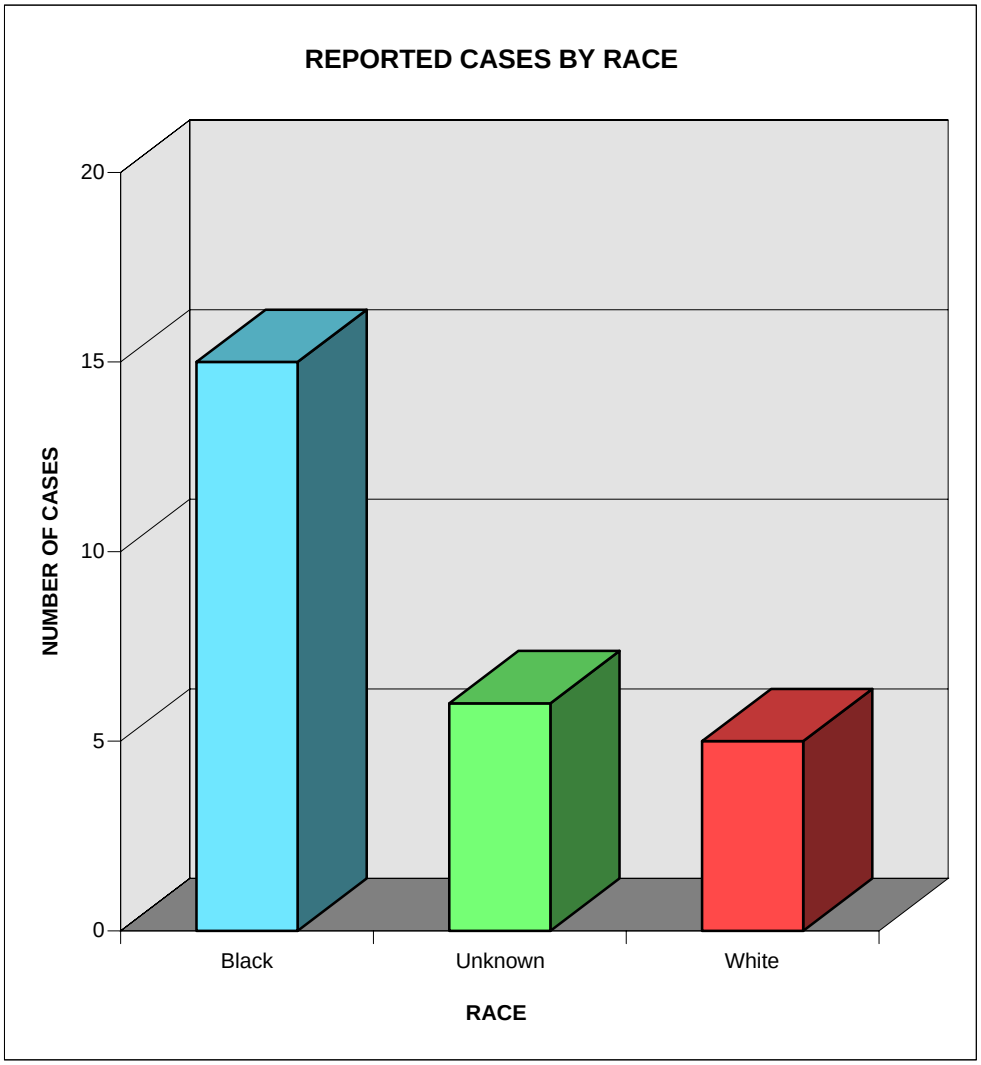
LOCALITY	Number of Cases	Percent of Total
Charles City Co	0	0.0%
Goochland Co	0	0.0%
Hanover Co	0	0.0%
New Kent Co	1	100.0%
Total	1	100.0%

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS BY PATIENT STATUS, CHICKAHOMINY HEALTH DISTRICT, 2006

PATIENT STATUS	Number of Cases	Percent of Total
Health Department	0	0.0%
Non-Health Department	1	100.0%
Total	1	100.0%

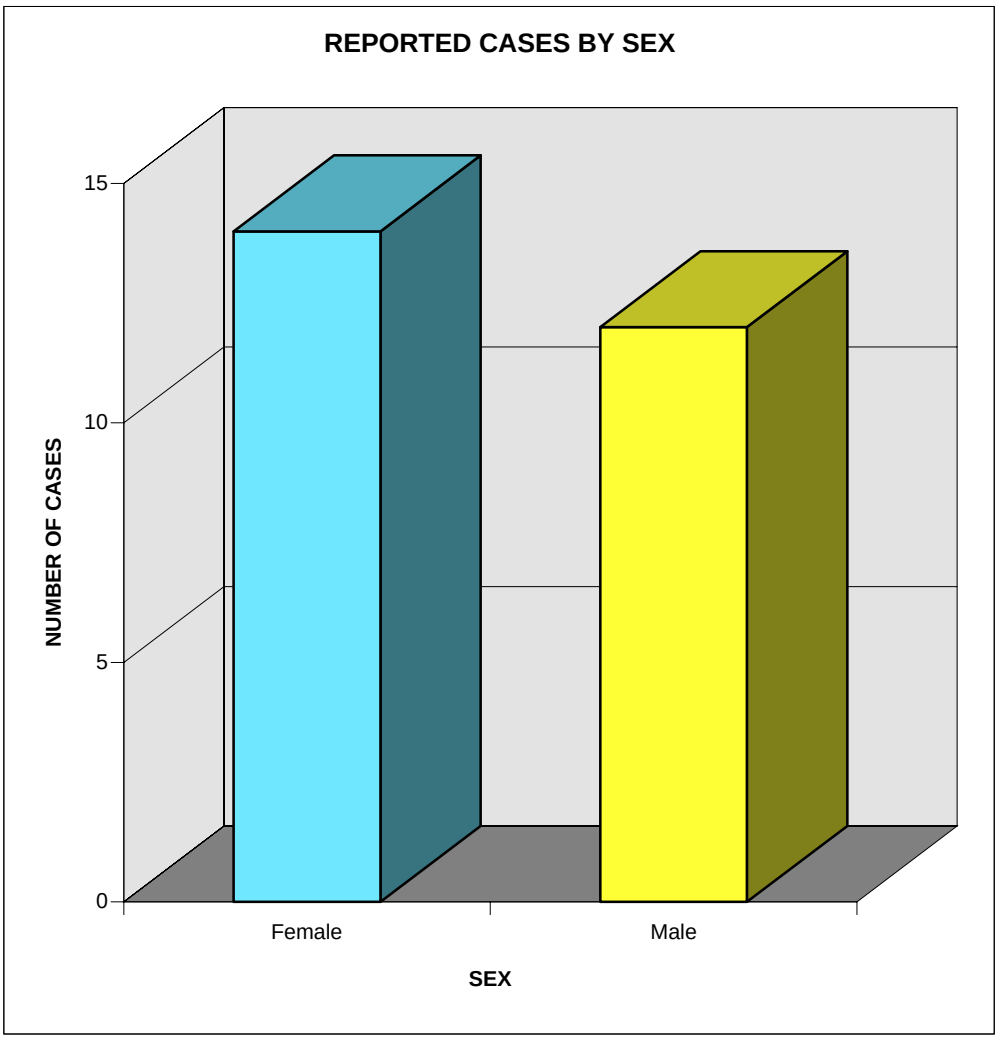
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY RACE, CRATER HEALTH DISTRICT, 2006

RACE	Number of Cases	Percent of Total
Black	15	57.7%
Unknown	6	23.1%
White	5	19.2%
Total	26	100.0%



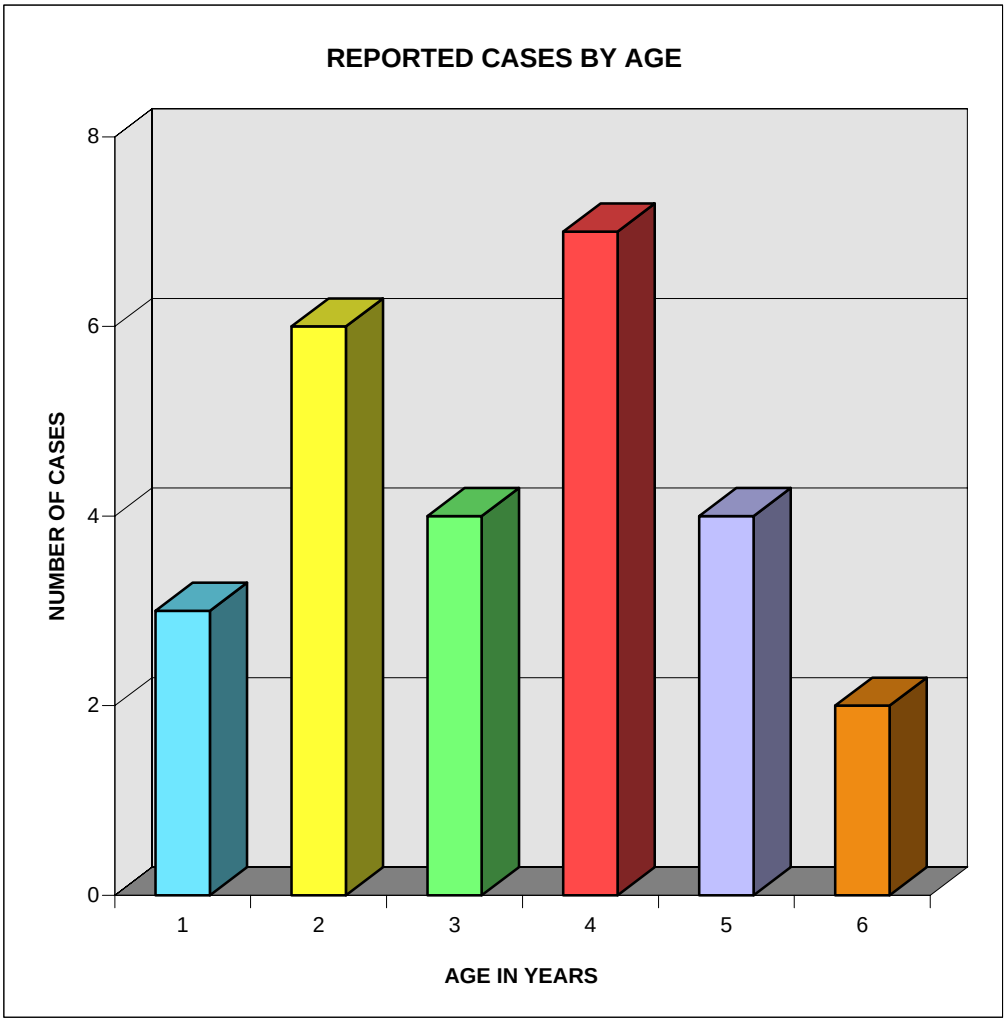
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY SEX, CRATER HEALTH DISTRICT, 2006

SEX	Number of Cases	Percent of Total
Female	14	53.8%
Male	12	46.2%
Total	26	100.0%



REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY AGE, CRATER HEALTH DISTRICT, 2006

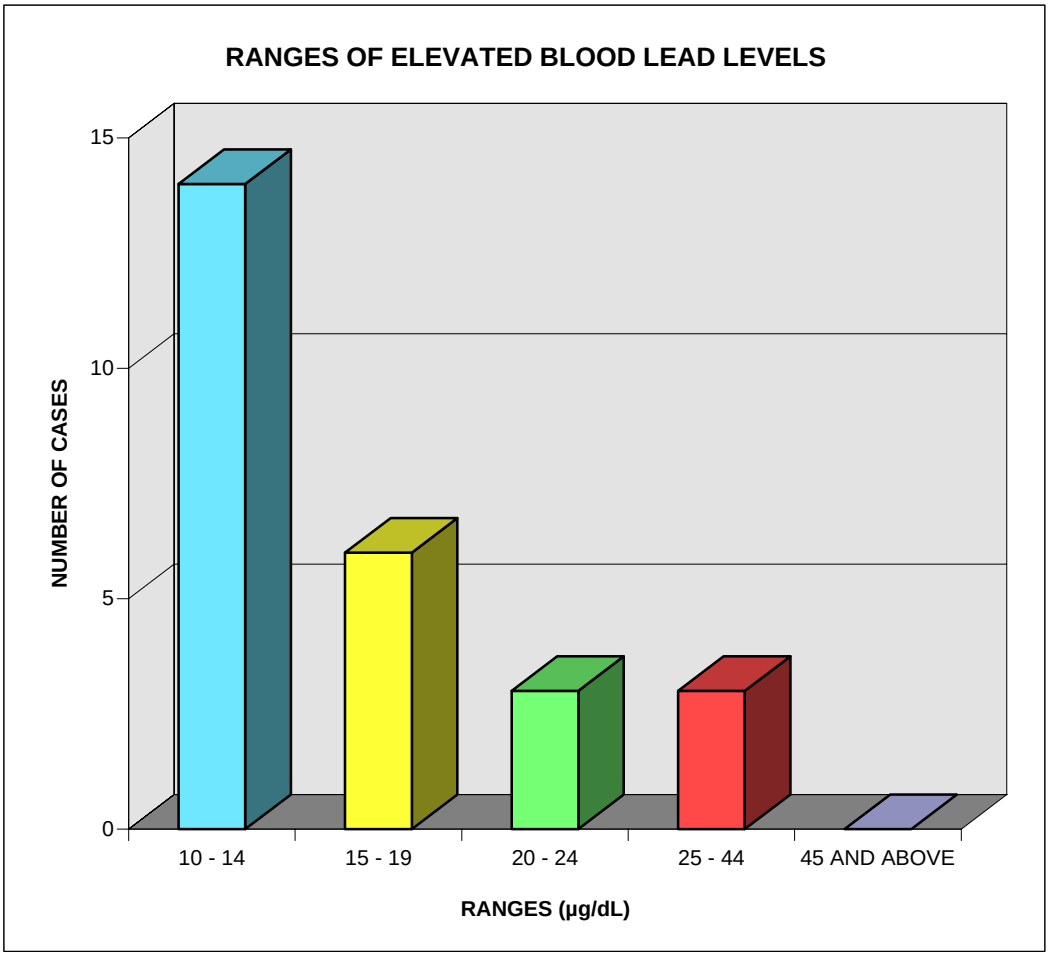
AGE IN YEARS	Number of Cases	Percent of Total
1	3	11.5%
2	6	23.1%
3	4	15.4%
4	7	26.9%
5	4	15.4%
6	2	7.7%
Total	26	100.0%



REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY RANGE OF ELEVATION, CRATER HEALTH DISTRICT, 2006

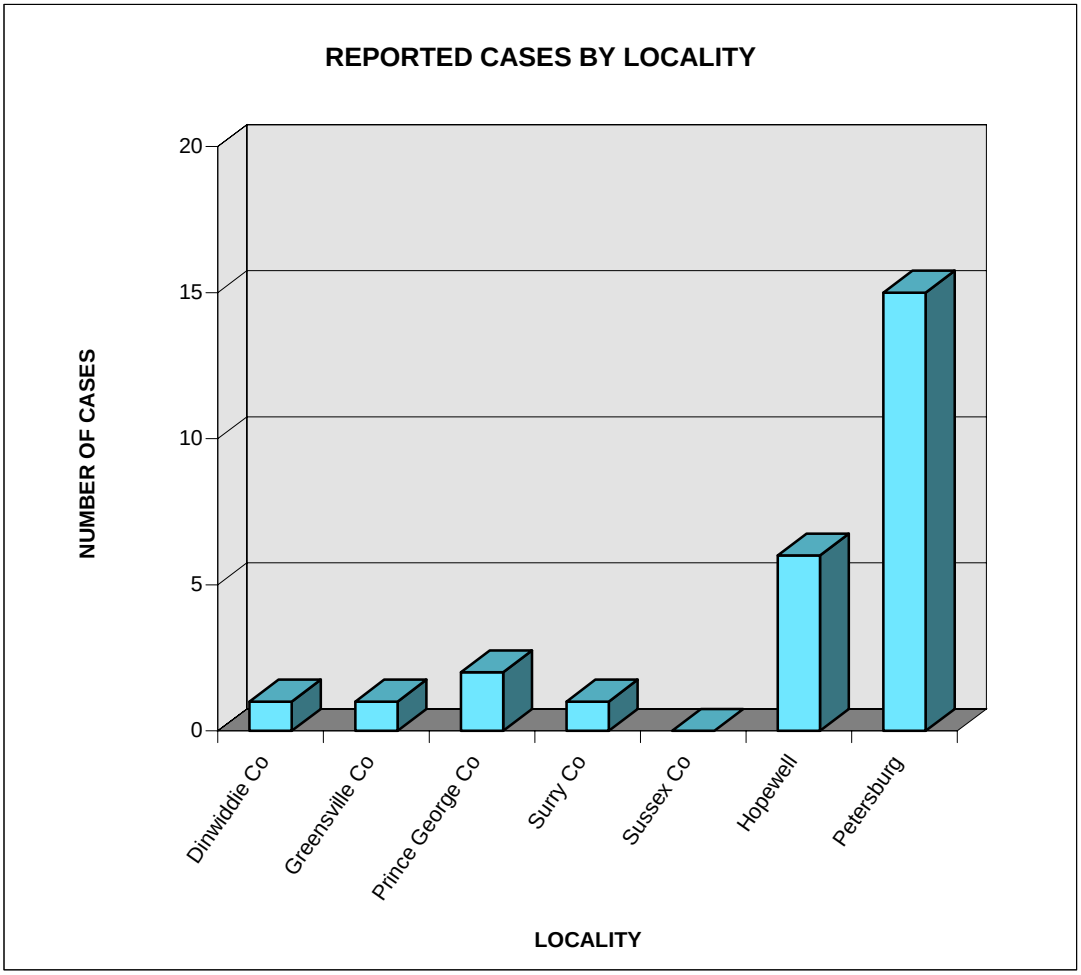
RANGES (µg/dL)*	Number of Cases	Percent of Total
10 - 14	14	53.8%
15 - 19	6	23.1%
20 - 24	3	11.5%
25 - 44	3	11.5%
45 AND ABOVE	0	0.0%
Total	26	100.0%

*Ranges reported in micrograms per deciliter (µg/dL)



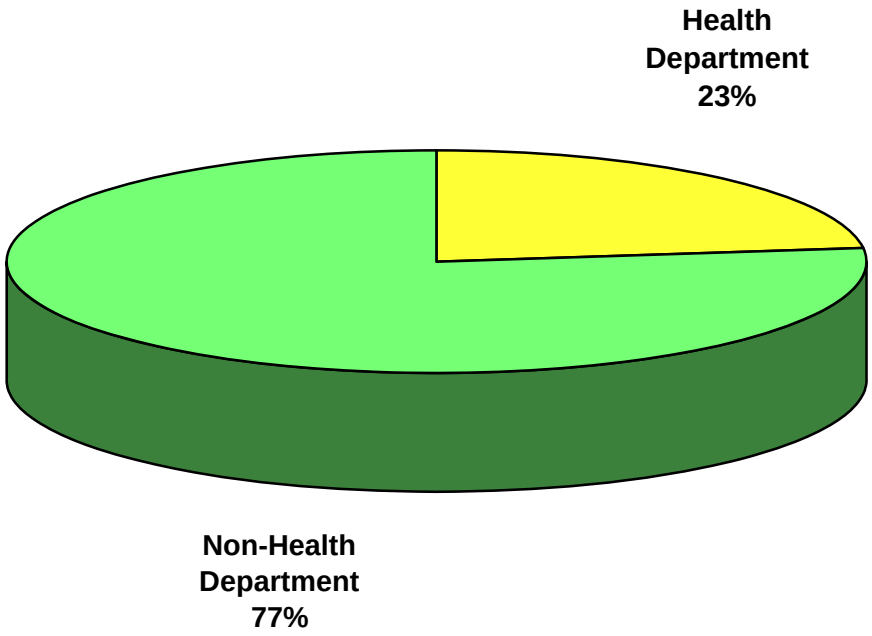
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY LOCALITY, CRATER HEALTH DISTRICT, 2006

LOCALITY	Number of Cases	Percent of Total
Dinwiddie Co	1	3.8%
Greensville Co	1	3.8%
Prince George Co	2	7.7%
Surry Co	1	3.8%
Sussex Co	0	0.0%
Hopewell	6	23.1%
Petersburg	15	57.7%
Total	26	100.0%



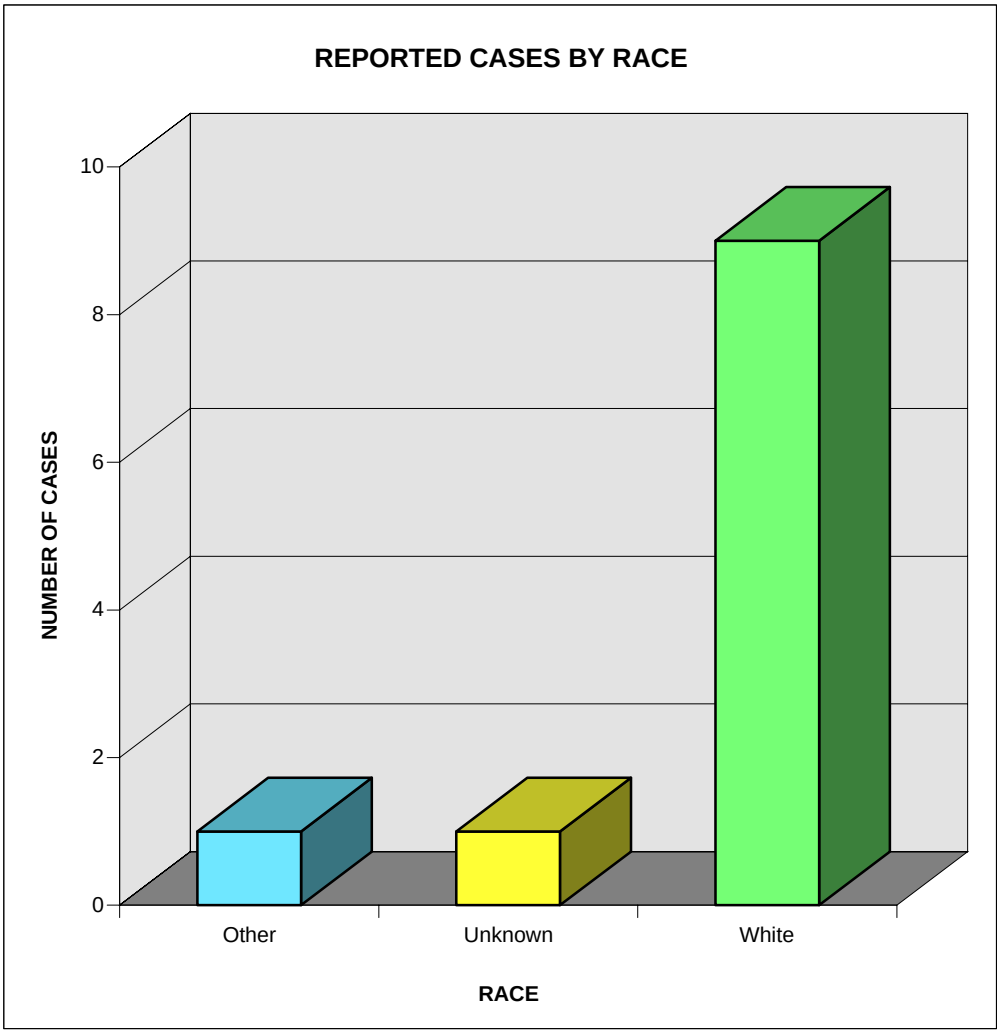
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY PATIENT STATUS, CRATER HEALTH DISTRICT, 2006

PATIENT STATUS	Number of Cases	Percent of Total
Health Department	6	23.1%
Non-Health Department	20	76.9%
Total	26	100.0%



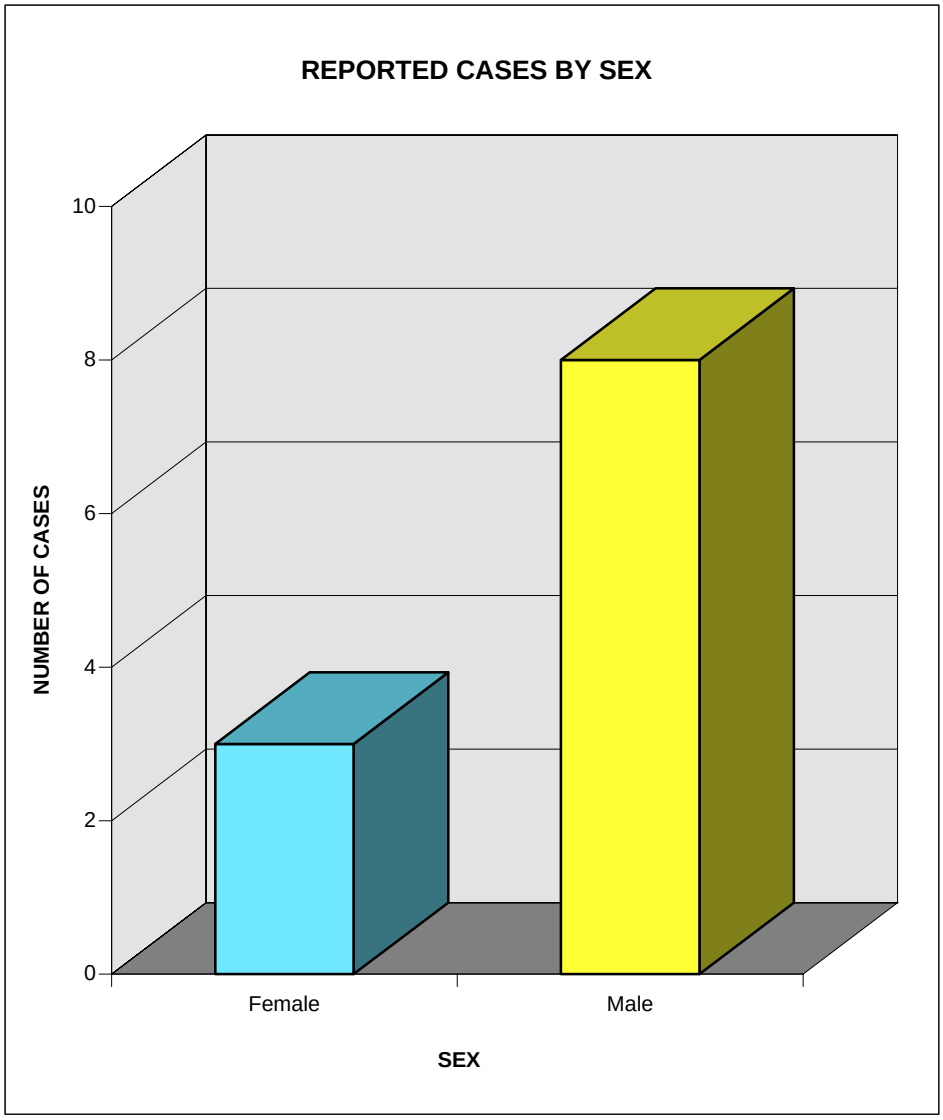
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY RACE, CUMBERLAND PLATEAU HEALTH DISTRICT, 2006

RACE	Number of Cases	Percent of Total
Other	1	9.1%
Unknown	1	9.1%
White	9	81.8%
Total	11	100.0%



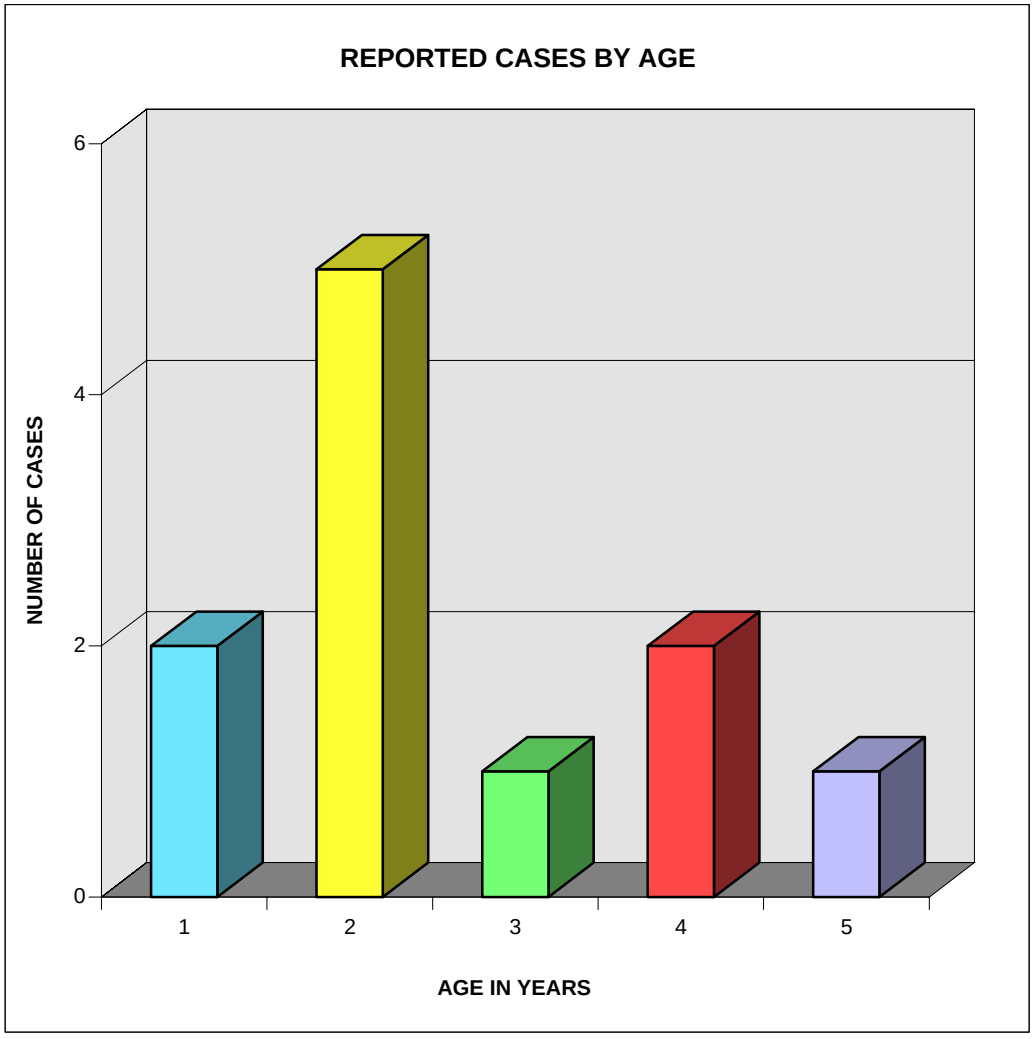
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY SEX, CUMBERLAND PLATEAU HEALTH DISTRICT, 2006

SEX	Number of Cases	Percent of Total
Female	3	27.3%
Male	8	72.7%
Total	11	100.0%



REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY AGE, CUMBERLAND PLATEAU HEALTH DISTRICT, 2006

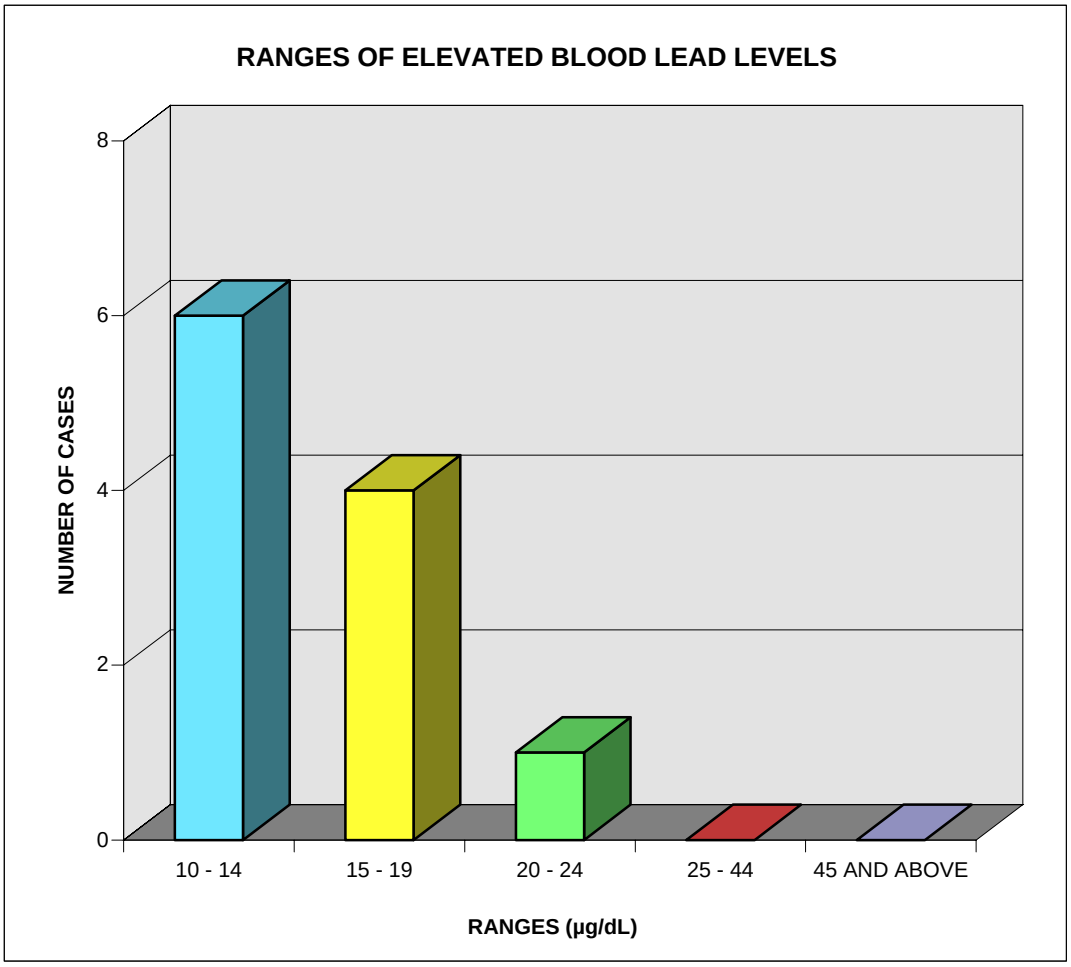
AGE IN YEARS	Number of Cases	Percent of Total
1	2	18.2%
2	5	45.5%
3	1	9.1%
4	2	18.2%
5	1	9.1%
Total	11	100.0%



REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY RANGE OF ELEVATION, CUMBERLAND PLATEAU HEALTH DISTRICT, 2006

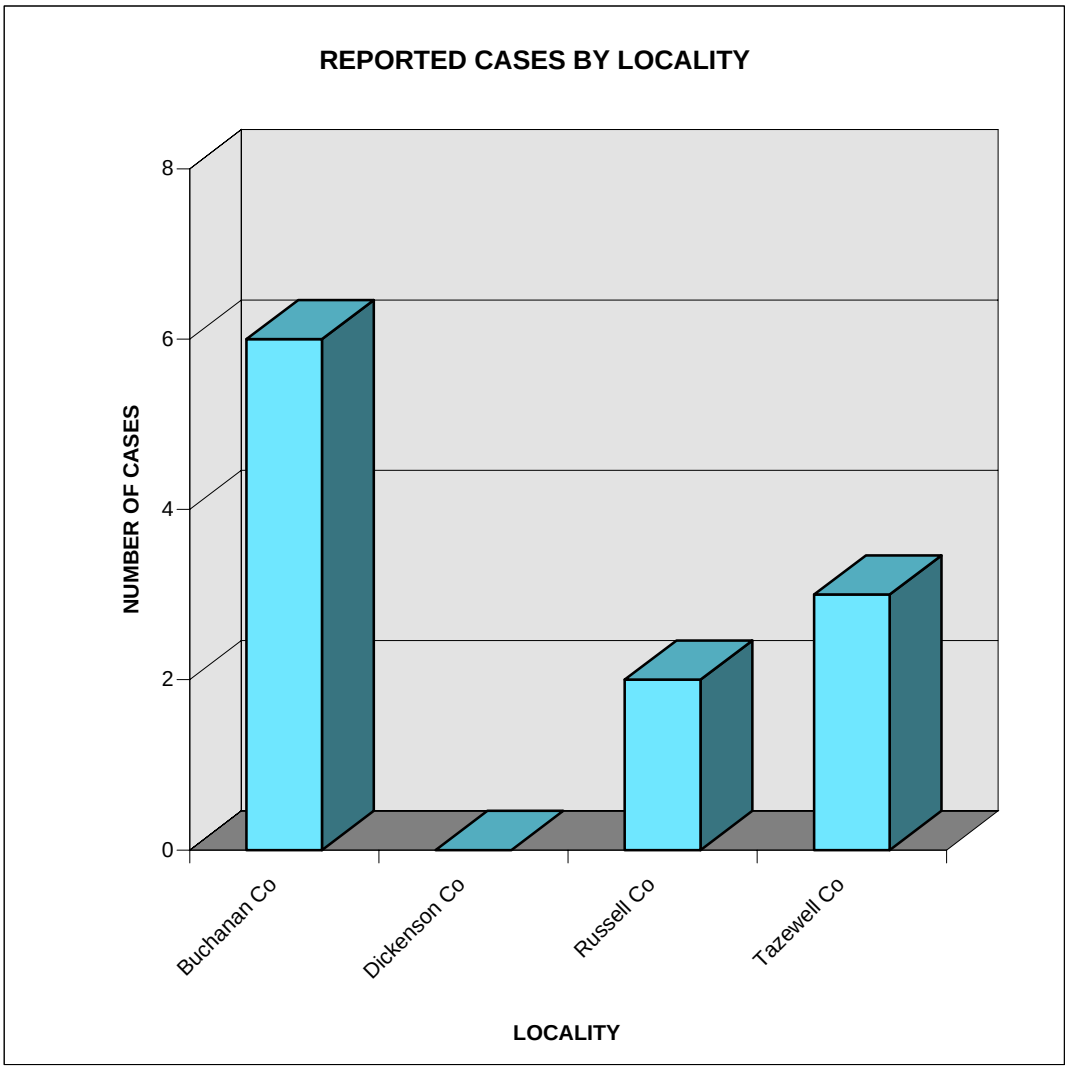
RANGES (µg/dL)*	Number of Cases	Percent of Total
10 - 14	6	54.5%
15 - 19	4	36.4%
20 - 24	1	9.1%
25 - 44	0	0.0%
45 AND ABOVE	0	0.0%
Total	11	100.0%

*Ranges reported in micrograms per deciliter (µg/dL)



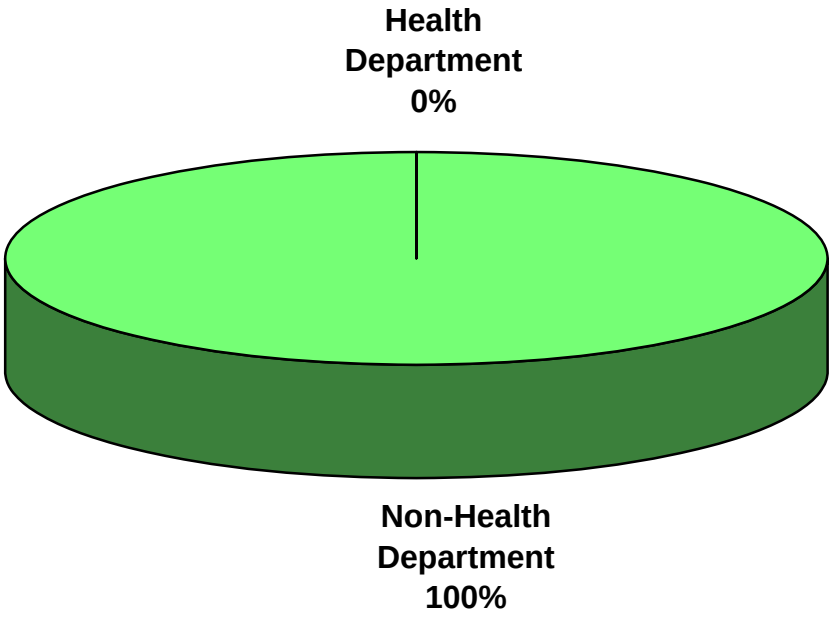
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY LOCALITY, CUMBERLAND PLATEAU HEALTH DISTRICT, 2006

LOCALITY	Number of Cases	Percent of Total
Buchanan Co	6	54.5%
Dickenson Co	0	0.0%
Russell Co	2	18.2%
Tazewell Co	3	27.3%
Total	11	100.0%



REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY PATIENT STATUS, CUMBERLAND PLATEAU HEALTH DISTRICT, 2006

PATIENT STATUS	Number of Cases	Percent of Total
Health Department	0	0.0%
Non-Health Department	11	100.0%
Total	11	100.0%



REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY RACE, EASTERN SHORE HEALTH DISTRICT, 2006

RACE	Number of Cases	Percent of Total
Black	3	37.5%
Hispanic	2	25.0%
White	3	37.5%
Total	8	100.0%

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY SEX, EASTERN SHORE HEALTH DISTRICT, 2006

SEX	Number of Cases	Percent of Total
Female	5	62.5%
Male	3	37.5%
Total	8	100.0%

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY AGE, EASTERN SHORE HEALTH DISTRICT, 2006

AGE IN YEARS	Number of Cases	Percent of Total
<1	1	12.5%
1	3	37.5%
2	3	37.5%
3	1	12.5%
Total	8	100.0%

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS BY RANGE OF ELEVATION, EASTERN SHORE HEALTH DISTRICT, 2006

RANGES (µg/dL)*	Number of Cases	Percent of Total
10 - 14	4	50.0%
15 - 19	0	0.0%
20 - 24	4	50.0%
25 - 44	0	0.0%
45 AND ABOVE	0	0.0%
Total	8	100.0%

*Ranges reported in micrograms per deciliter (µg/dL)

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS BY LOCALITY, EASTERN SHORE HEALTH DISTRICT, 2006

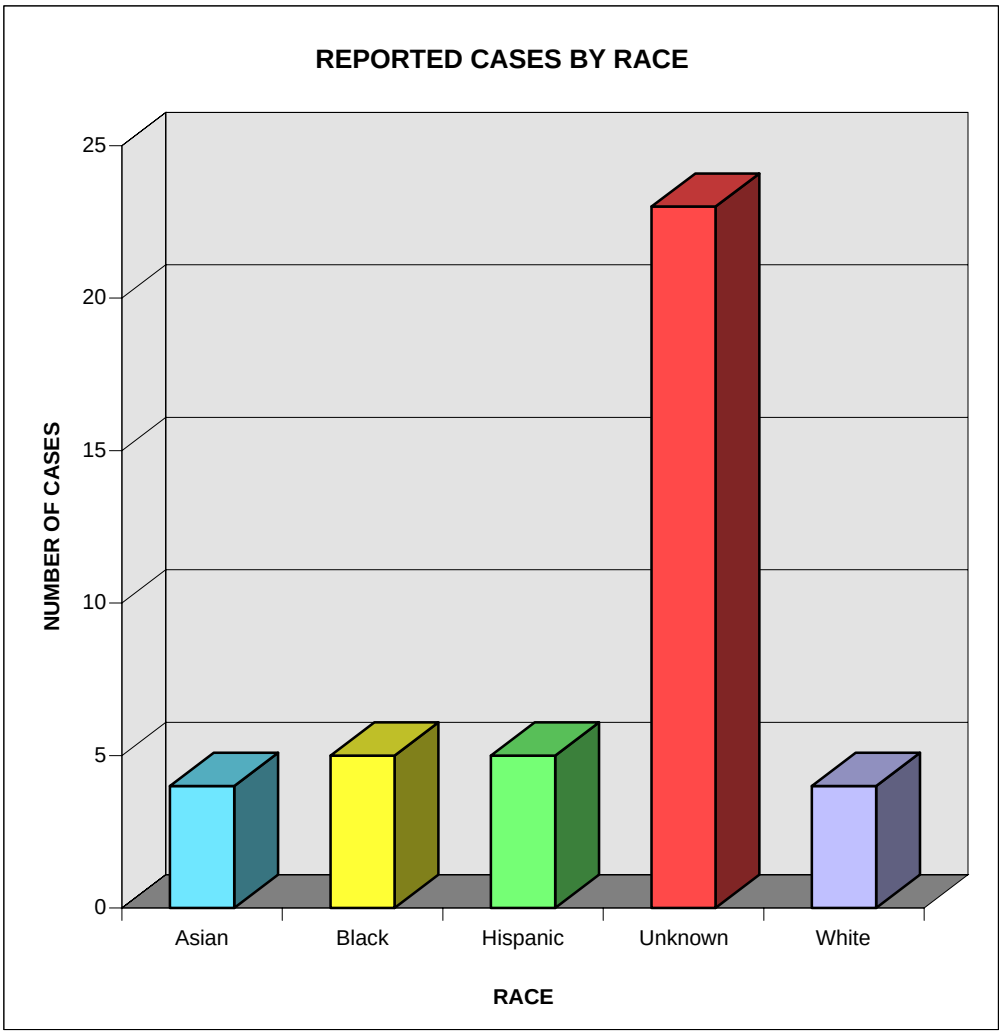
LOCALITY	Number of Cases	Percent of Total
Accomack Co	5	62.5%
Northampton Co	3	37.5%
Total	8	100.0%

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS BY PATIENT STATUS, EASTERN SHORE HEALTH DISTRICT, 2006

PATIENT STATUS	Number of Cases	Percent of Total
Health Department	1	12.5%
Non-Health Department	7	87.5%
Total	8	100.0%

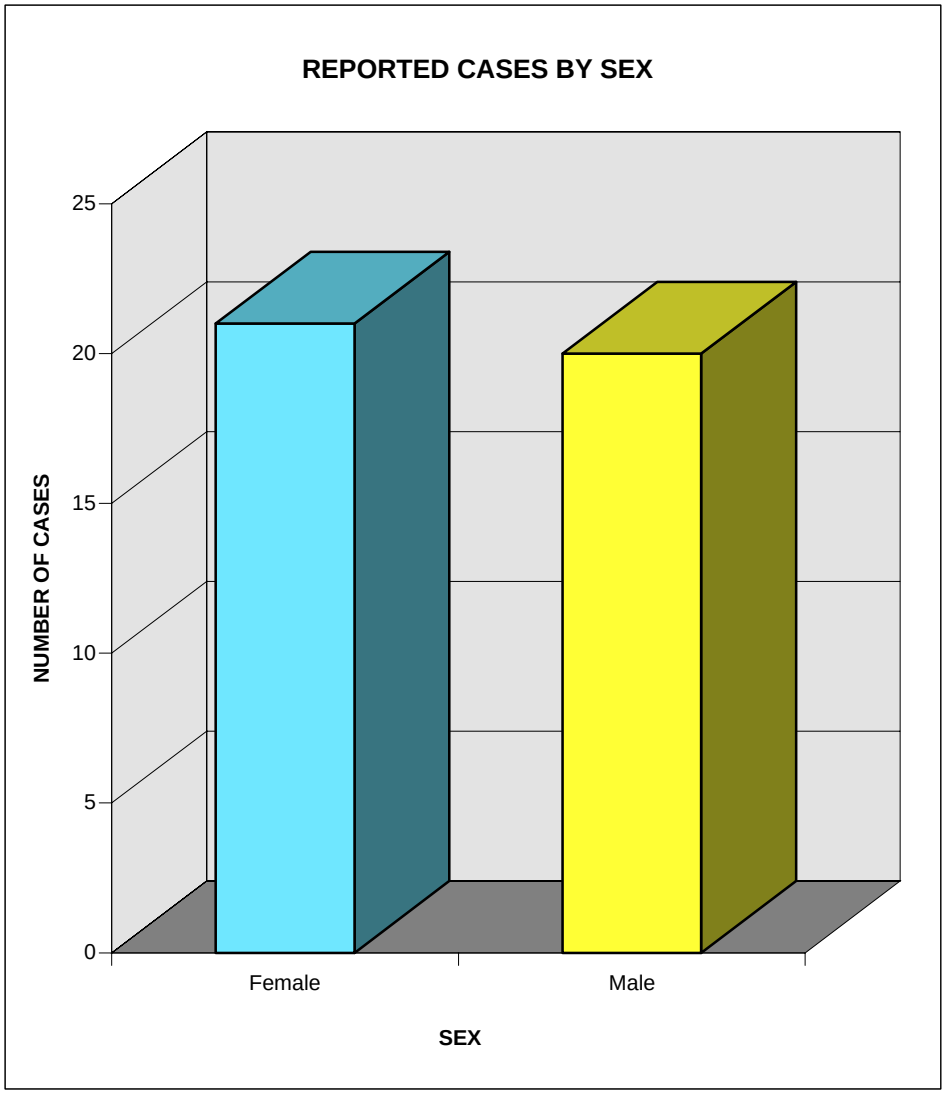
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY RACE, FAIRFAX HEALTH DISTRICT, 2006

RACE	Number of Cases	Percent of Total
Asian	4	9.8%
Black	5	12.2%
Hispanic	5	12.2%
Unknown	23	56.1%
White	4	9.8%
Total	41	100.0%



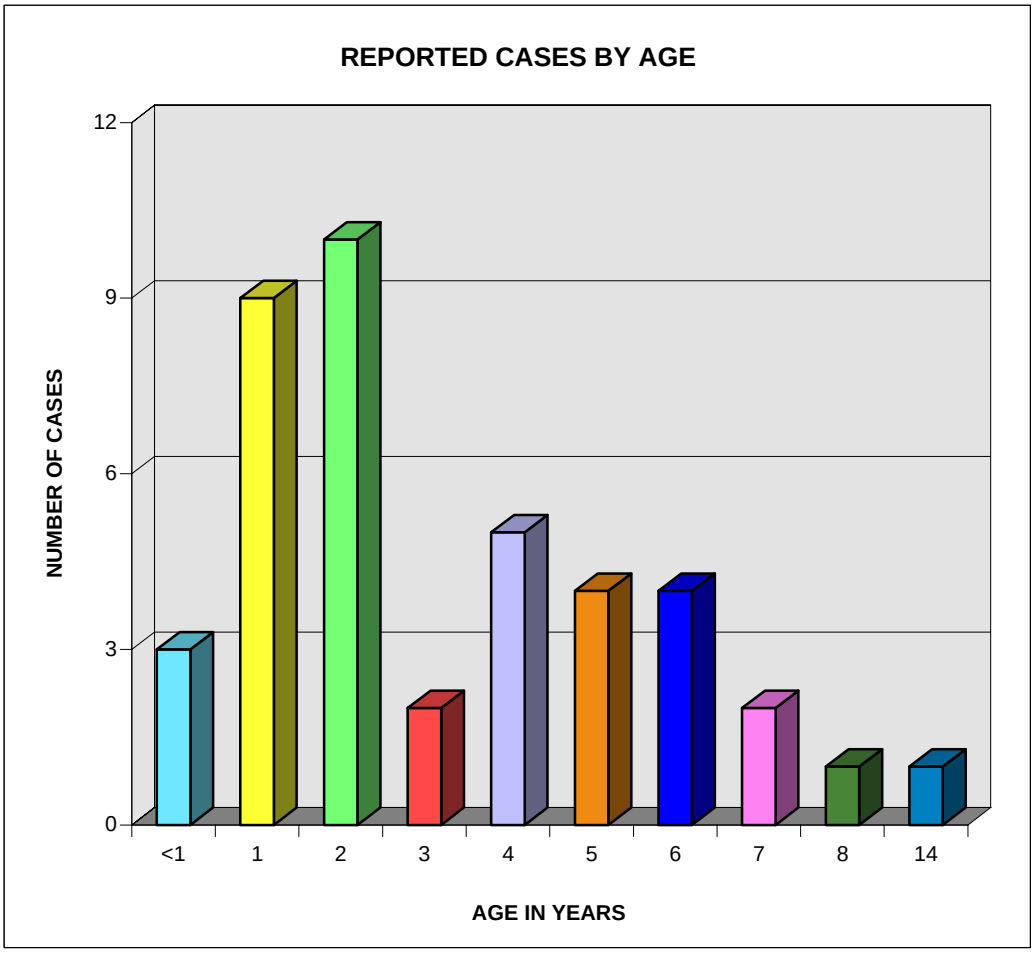
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY SEX, FAIRFAX HEALTH DISTRICT, 2006

SEX	Number of Cases	Percent of Total
Female	21	51.2%
Male	20	48.8%
Total	41	100.0%



REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY AGE, FAIRFAX HEALTH DISTRICT, 2006

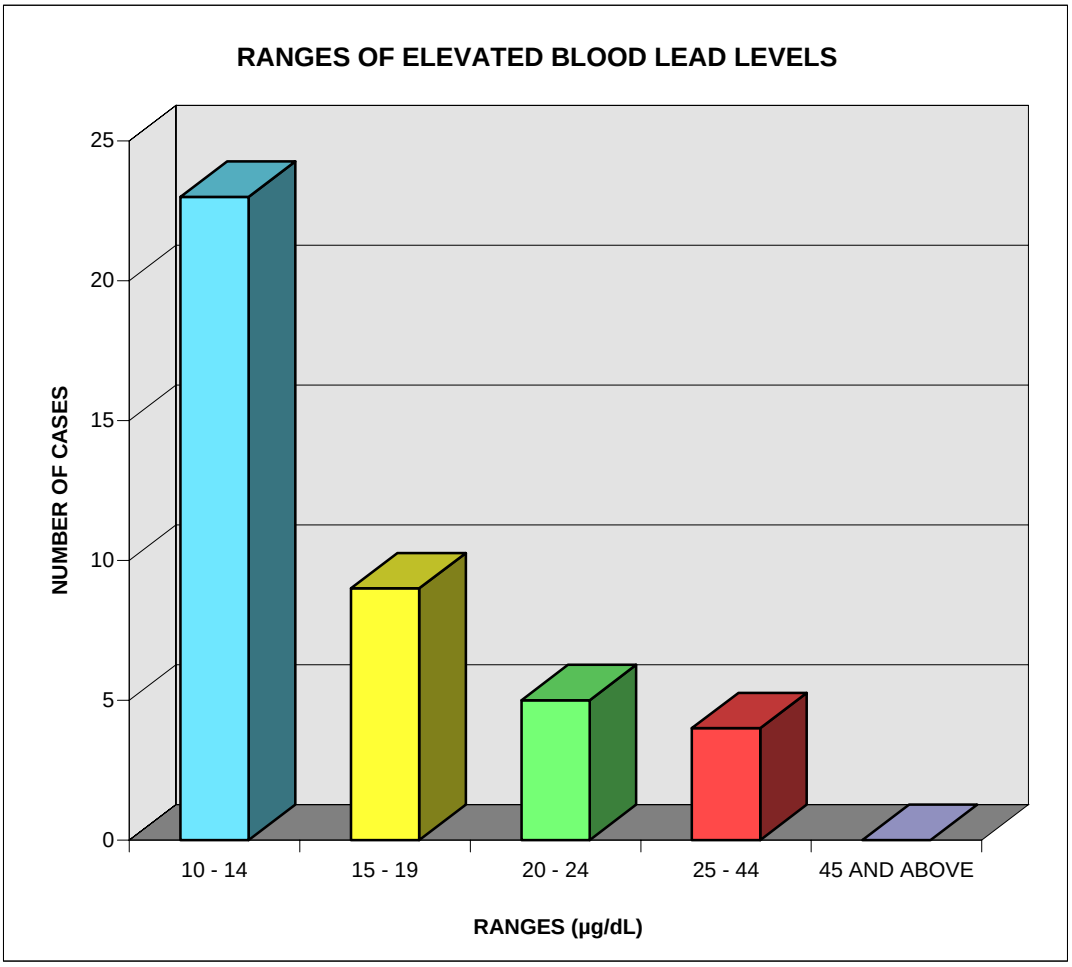
AGE IN YEARS	Number of Cases	Percent of Total
<1	3	7.3%
1	9	22.0%
2	10	24.4%
3	2	4.9%
4	5	12.2%
5	4	9.8%
6	4	9.8%
7	2	4.9%
8	1	2.4%
14	1	2.4%
Total	41	100.0%



REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY RANGE OF ELEVATION, FAIRFAX HEALTH DISTRICT, 2006

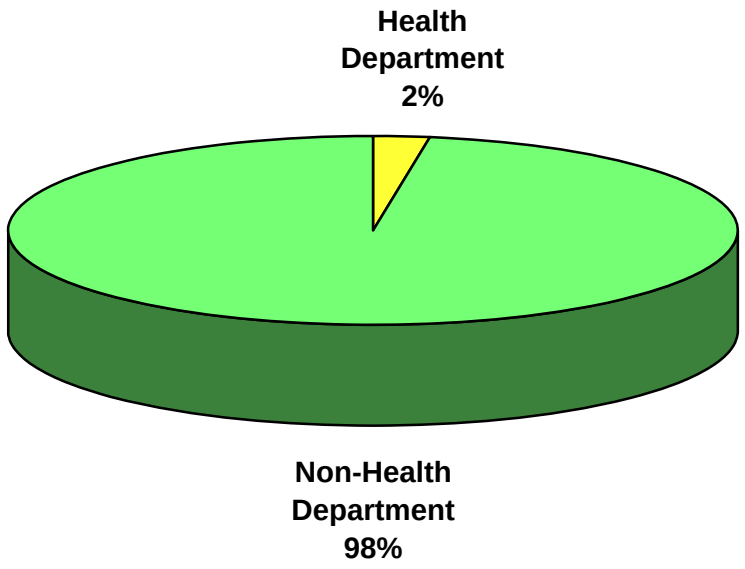
RANGES (µg/dL)*	Number of Cases	Percent of Total
10 - 14	23	56.1%
15 - 19	9	22.0%
20 - 24	5	12.2%
25 - 44	4	9.8%
45 AND ABOVE	0	0.0%
Total	41	100.0%

*Ranges reported in micrograms per deciliter (µg/dL)



REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY PATIENT STATUS, FAIRFAX HEALTH DISTRICT, 2006

PATIENT STATUS	Number of Cases	Percent of Total
Health Department	1	2.4%
Non-Health Department	40	97.6%
Total	41	100.0%



REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY RACE, HAMPTON HEALTH DISTRICT, 2006

RACE	Number of Cases	Percent of Total
Black	6	66.7%
Unknown	3	33.3%
Total	9	100.0%

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY SEX, HAMPTON HEALTH DISTRICT, 2006

SEX	Number of Cases	Percent of Total
Female	3	33.3%
Male	6	66.7%
Total	9	100.0%

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY AGE, HAMPTON HEALTH DISTRICT, 2006

AGE IN YEARS	Number of Cases	Percent of Total
1	3	33.3%
2	2	22.2%
3	1	11.1%
5	1	11.1%
6	1	11.1%
7	1	11.1%
Total	9	100.0%

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS BY RANGE OF ELEVATION, HAMPTON HEALTH DISTRICT, 2006

RANGES (µg/dL)*	Number of Cases	Percent of Total
10 - 14	8	88.9%
15 - 19	0	0.0%
20 - 24	0	0.0%
25 - 44	1	11.1%
45 AND ABOVE	0	0.0%
Total	9	100.0%

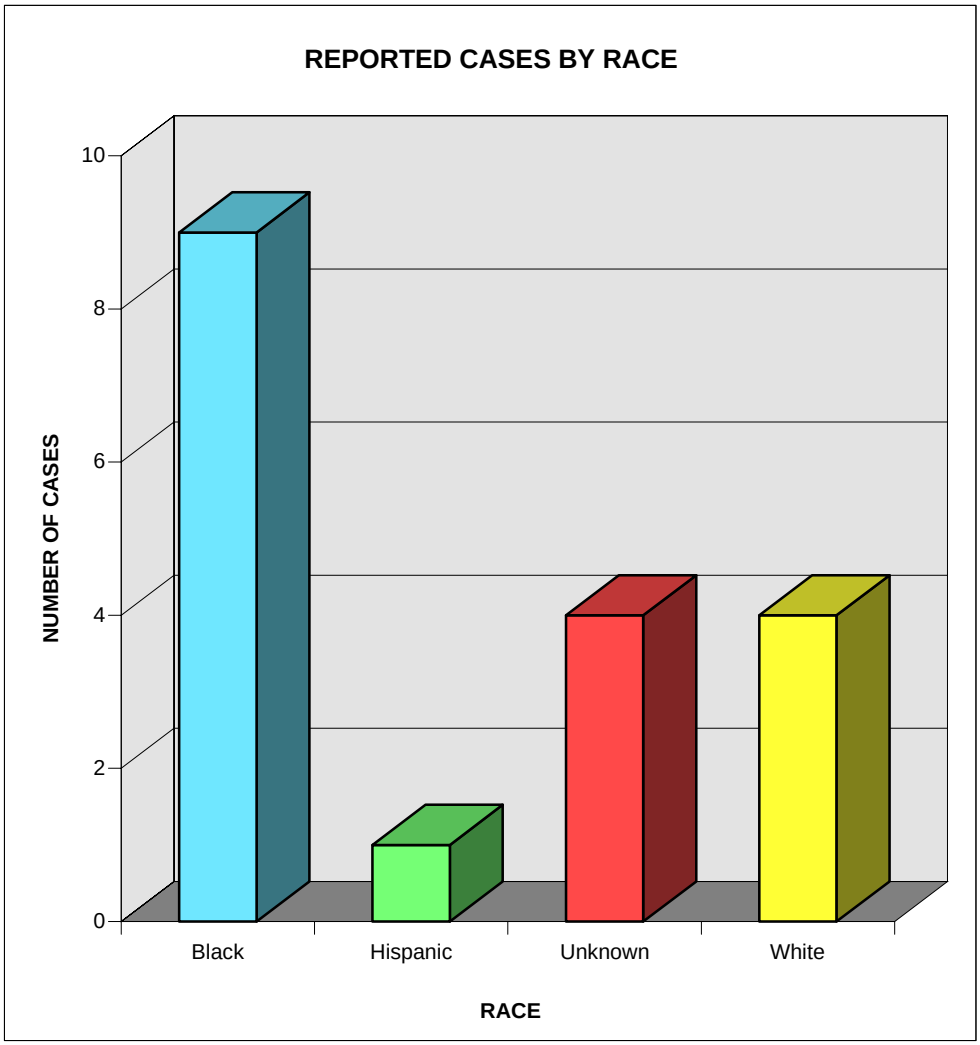
*Ranges reported in micrograms per deciliter (µg/dL)

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS BY PATIENT STATUS, HAMPTON HEALTH DISTRICT, 2006

PATIENT STATUS	Number of Cases	Percent of Total
Health Department	2	22.2%
Non-Health Department	7	77.8%
Total	9	100.0%

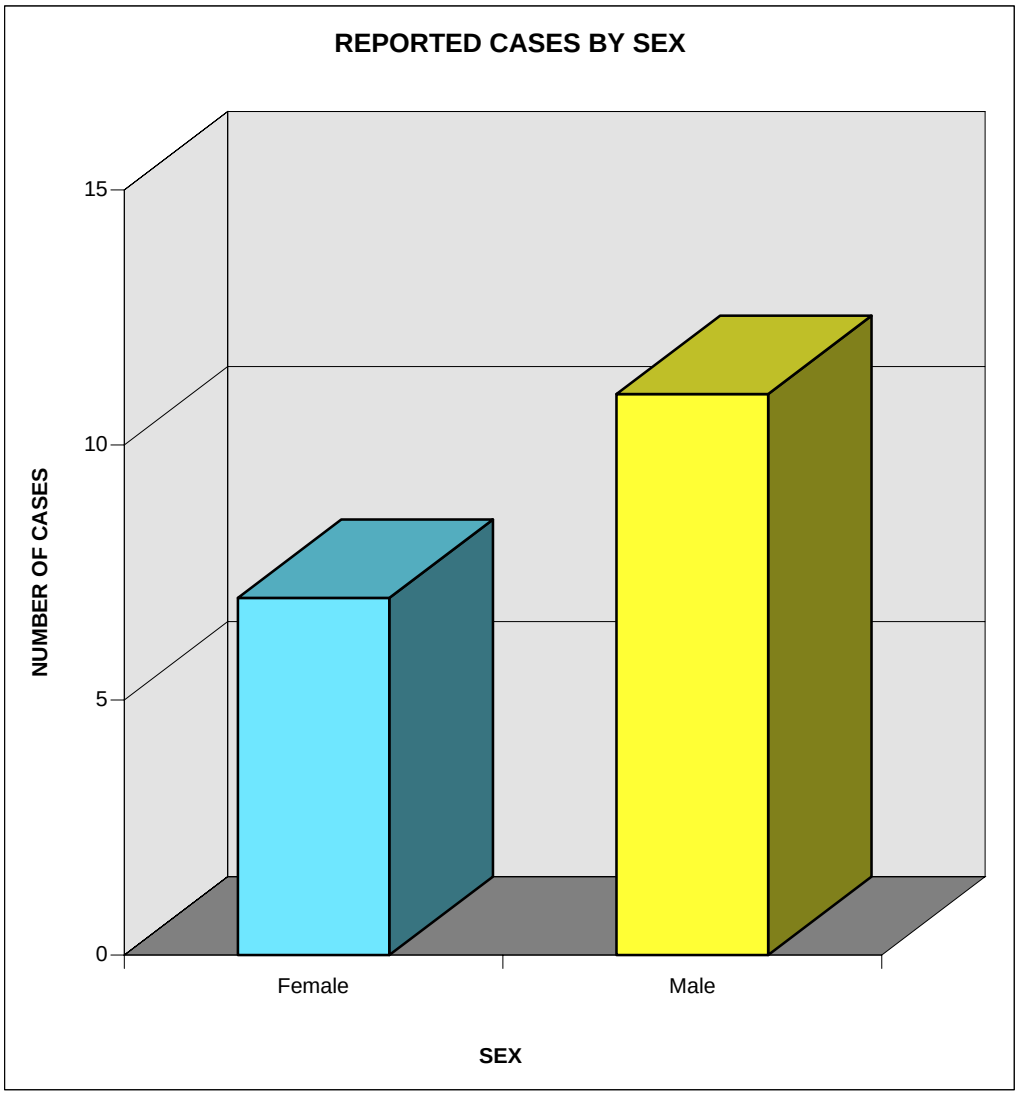
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY RACE, HENRICO HEALTH DISTRICT, 2006

RACE	Number of Cases	Percent of Total
Black	9	50.0%
Hispanic	1	5.6%
Unknown	4	22.2%
White	4	22.2%
Total	18	100.0%



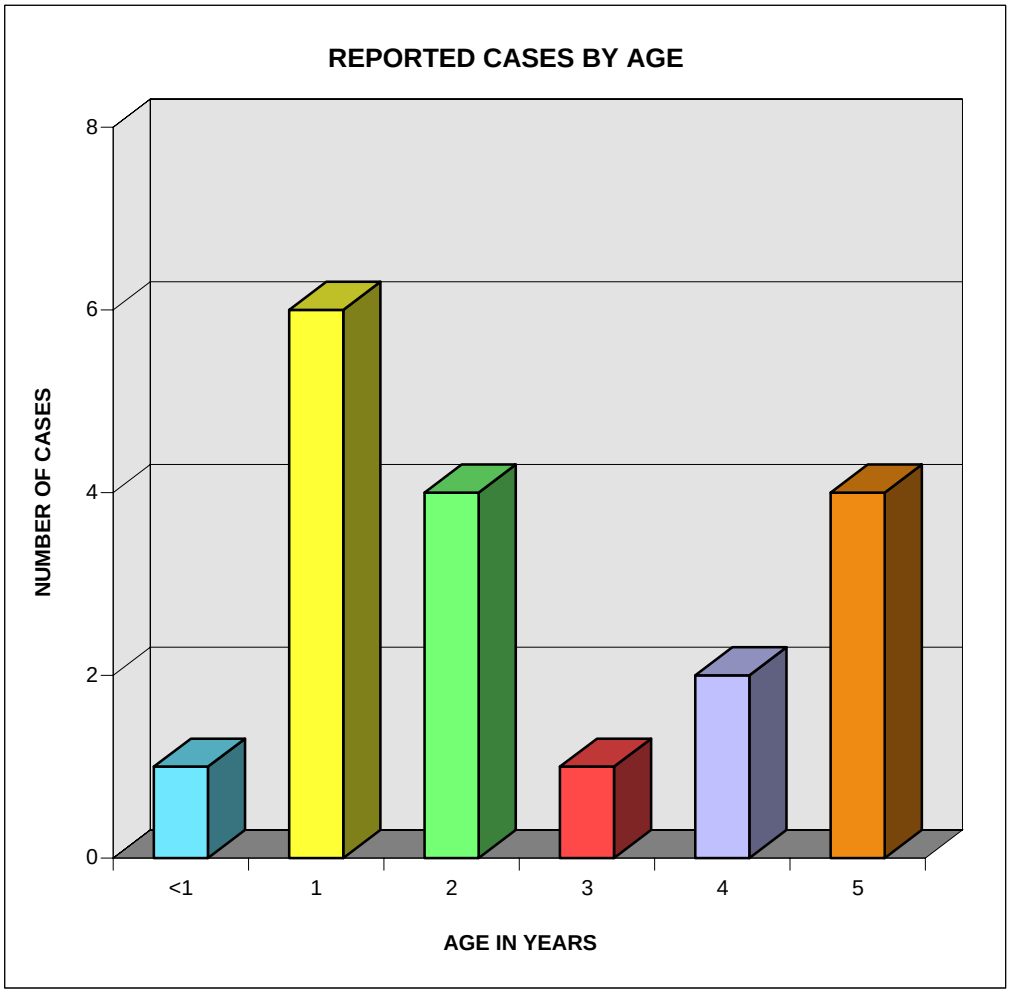
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY SEX, HENRICO HEALTH DISTRICT, 2006

SEX	Number of Cases	Percent of Total
Female	7	38.9%
Male	11	61.1%
Total	18	100.0%



REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY AGE, HENRICO HEALTH DISTRICT, 2006

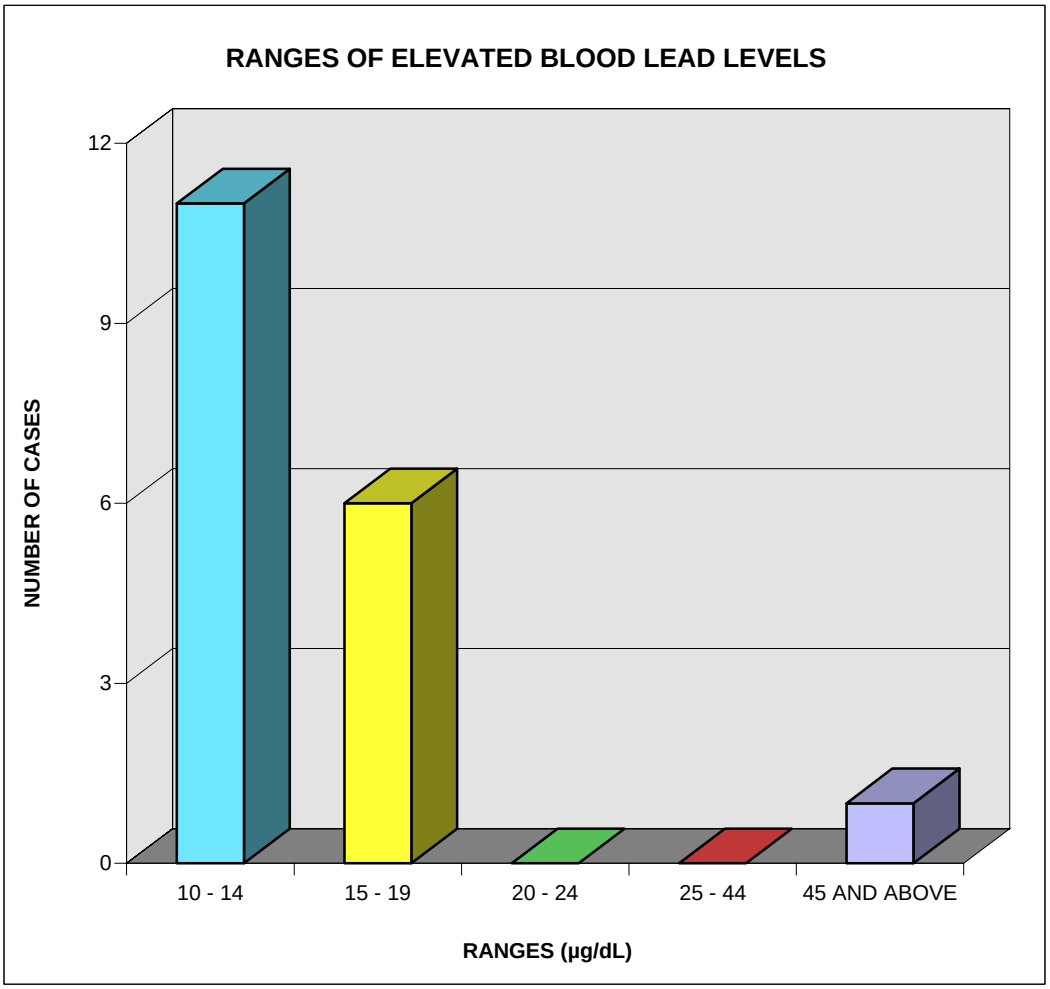
AGE IN YEARS	Number of Cases	Percent of Total
<1	1	5.6%
1	6	33.3%
2	4	22.2%
3	1	5.6%
4	2	11.1%
5	4	22.2%
Total	18	100.0%



REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY RANGE OF ELEVATION, HENRICO HEALTH DISTRICT, 2006

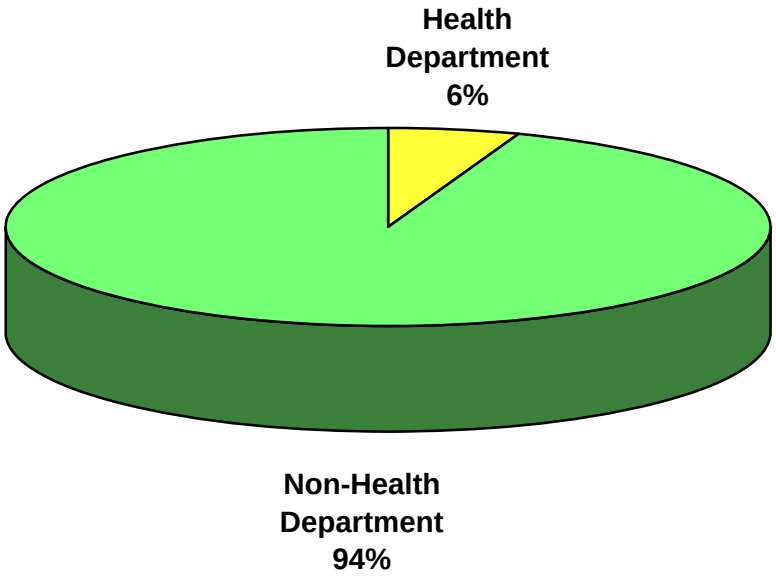
RANGES (µg/dL)*	Number of Cases	Percent of Total
10 - 14	11	61.1%
15 - 19	6	33.3%
20 - 24	0	0.0%
25 - 44	0	0.0%
45 AND ABOVE	1	5.6%
Total	18	100.0%

*Ranges reported in micrograms per deciliter (µg/dL)



REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY PATIENT STATUS, HENRICO HEALTH DISTRICT, 2006

PATIENT STATUS	Number of Cases	Percent of Total
Health Department	1	5.6%
Non-Health Department	17	94.4%
Total	18	100.0%



REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY RACE, LENOWISCO HEALTH DISTRICT, 2006

RACE	Number of Cases	Percent of Total
Unknown	1	33.3%
White	2	66.7%
Total	3	100.0%

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY SEX, LENOWISCO HEALTH DISTRICT, 2006

SEX	Number of Cases	Percent of Total
Female	0	0.0%
Male	3	100.0%
Total	3	100.0%

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY AGE, LENOWISCO HEALTH DISTRICT, 2006

AGE IN YEARS	Number of Cases	Percent of Total
<1	1	33.3%
2	1	33.3%
3	1	33.3%
Total	3	100.0%

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS BY RANGE OF ELEVATION, LENOWISCO HEALTH DISTRICT, 2006

RANGES (µg/dL)*	Number of Cases	Percent of Total
10 - 14	2	66.7%
15 - 19	0	0.0%
20 - 24	0	0.0%
25 - 44	1	33.3%
45 AND ABOVE	0	0.0%
Total	3	100.0%

*Ranges reported in micrograms per deciliter (µg/dL)

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS BY LOCALITY, LENOWISCO HEALTH DISTRICT, 2006

LOCALITY	Number of Cases	Percent of Total
Lee Co	0	0.0%
Scott Co	1	33.3%
Wise Co	2	66.7%
Total	3	100.0%

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS BY PATIENT STATUS, LENOWISCO HEALTH DISTRICT, 2006

PATIENT STATUS	Number of Cases	Percent of Total
Health Department	0	0.0%
Non-Health Department	3	100.0%
Total	3	100.0%

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY RACE, LORD FAIRFAX HEALTH DISTRICT, 2006

RACE	Number of Cases	Percent of Total
Black	3	33.3%
Hispanic	1	11.1%
White	5	55.6%
Total	9	100.0%

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY SEX, LORD FAIRFAX HEALTH DISTRICT, 2006

SEX	Number of Cases	Percent of Total
Female	6	66.7%
Male	3	33.3%
Total	9	100.0%

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY AGE, LORD FAIRFAX HEALTH DISTRICT, 2006

AGE IN YEARS	Number of Cases	Percent of Total
1	3	33.3%
2	1	11.1%
3	1	11.1%
4	3	33.3%
5	1	11.1%
Total	9	100.0%

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS BY RANGE OF ELEVATION, LORD FAIRFAX HEALTH DISTRICT, 2006

RANGES (µg/dL)*	Number of Cases	Percent of Total
10 - 14	7	77.8%
15 - 19	1	11.1%
20 - 24	1	11.1%
25 - 44	0	0.0%
45 AND ABOVE	0	0.0%
Total	9	100.0%

*Ranges reported in micrograms per deciliter (µg/dL)

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS BY LOCALITY, LORD FAIRFAX HEALTH DISTRICT, 2006

LOCALITY	Number of Cases	Percent of Total
Clarke Co	1	11.1%
Frederick Co	7	77.8%
Page Co	0	0.0%
Shenandoah Co	0	0.0%
Warren Co	1	11.1%
Total	9	100.0%

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS BY PATIENT STATUS, LORD FAIRFAX HEALTH DISTRICT, 2006

PATIENT STATUS	Number of Cases	Percent of Total
Health Department	2	22.2%
Non-Health Department	7	77.8%
Total	9	100.0%

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY RACE, LOUDOUN HEALTH DISTRICT, 2006

RACE	Number of Cases	Percent of Total
Asian	2	40.0%
Unknown	1	20.0%
White	2	40.0%
Total	5	100.0%

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY SEX, LOUDOUN HEALTH DISTRICT, 2006

SEX	Number of Cases	Percent of Total
Female	2	40.0%
Male	3	60.0%
Total	5	100.0%

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY AGE, LOUDOUN HEALTH DISTRICT, 2006

AGE IN YEARS	Number of Cases	Percent of Total
3	2	40.0%
4	1	20.0%
5	2	40.0%
Total	5	100.0%

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY RANGE OF ELEVATION, LOUDOUN HEALTH DISTRICT, 2006

RANGES (µg/dL)*	Number of Cases	Percent of Total
10 - 14	3	60.0%
15 - 19	1	20.0%
20 - 24	1	20.0%
25 - 44	0	0.0%
45 AND ABOVE	0	0.0%
Total	5	100.0%

*Ranges reported in micrograms per deciliter (µg/dL)

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY PATIENT STATUS, LOUDOUN HEALTH DISTRICT, 2006

PATIENT STATUS	Number of Cases	Percent of Total
Health Department	2	40.0%
Non-Health Department	3	60.0%
Total	5	100.0%

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY RACE, MOUNT ROGERS HEALTH DISTRICT, 2006

RACE	Number of Cases	Percent of Total
Hispanic	2	25.0%
White	6	75.0%
Total	8	100.0%

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY SEX, MOUNT ROGERS HEALTH DISTRICT, 2006

SEX	Number of Cases	Percent of Total
Female	3	37.5%
Male	5	62.5%
Total	8	100.0%

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY AGE, MOUNT ROGERS HEALTH DISTRICT, 2006

AGE IN YEARS	Number of Cases	Percent of Total
1	4	50.0%
2	4	50.0%
Total	8	100.0%

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS BY RANGE OF ELEVATION, MOUNT ROGERS HEALTH DISTRICT, 2006

RANGES (µg/dL)*	Number of Cases	Percent of Total
10 - 14	6	75.0%
15 - 19	1	12.5%
20 - 24	1	12.5%
25 - 44	0	0.0%
45 AND ABOVE	0	0.0%
Total	8	100.0%

*Ranges reported in micrograms per deciliter (µg/dL)

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS BY LOCALITY, MOUNT ROGERS HEALTH DISTRICT, 2006

LOCALITY	Number of Cases	Percent of Total
Bland Co	0	0.0%
Carroll Co	0	0.0%
Grayson Co	1	12.5%
Smyth Co	3	37.5%
Washington Co	3	37.5%
Wythe Co	0	0.0%
Bristol	0	0.0%
Galax	1	12.5%
Total	8	100.0%

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS BY PATIENT STATUS, MOUNT ROGERS HEALTH DISTRICT, 2006

PATIENT STATUS	Number of Cases	Percent of Total
Health Department	0	0.0%
Non-Health Department	8	100.0%
Total	8	100.0%

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY RACE, NEW RIVER HEALTH DISTRICT, 2006

RACE	Number of Cases	Percent of Total
Unknown	6	75.0%
White	2	25.0%
Total	8	100.0%

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY SEX, NEW RIVER HEALTH DISTRICT, 2006

SEX	Number of Cases	Percent of Total
Female	4	50.0%
Male	4	50.0%
Total	8	100.0%

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY AGE, NEW RIVER HEALTH DISTRICT, 2006

AGE IN YEARS	Number of Cases	Percent of Total
1	2	25.0%
2	3	37.5%
3	1	12.5%
4	1	12.5%
5	1	12.5%
Total	8	100.0%

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS BY RANGE OF ELEVATION, NEW RIVER HEALTH DISTRICT, 2006

RANGES (µg/dL)*	Number of Cases	Percent of Total
10 - 14	4	50.0%
15 - 19	2	25.0%
20 - 24	1	12.5%
25 - 44	1	12.5%
45 and above	0	0.0%
Total	8	100.0%

*Ranges reported in micrograms per deciliter (µg/dL)

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS BY LOCALITY, NEW RIVER HEALTH DISTRICT, 2006

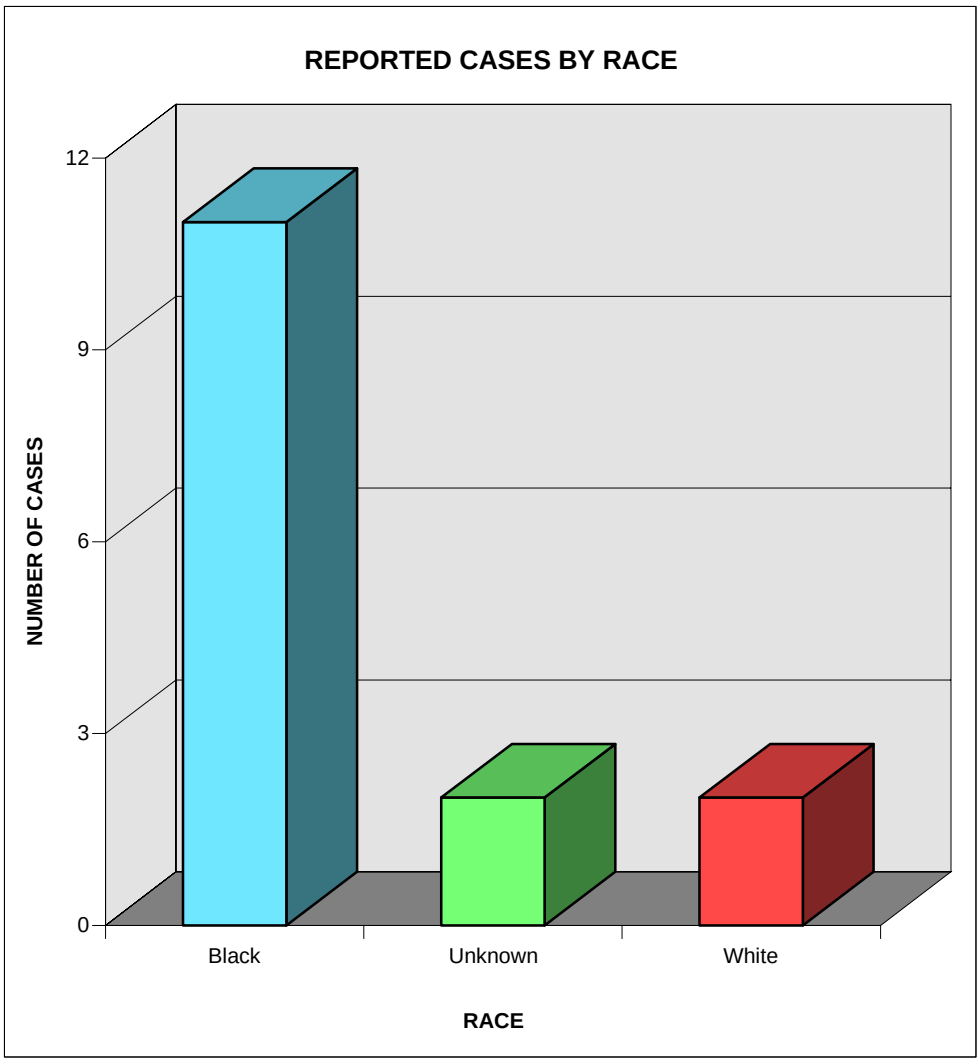
LOCALITY	Number of Cases	Percent of Total
Floyd Co	1	12.5%
Giles Co	1	12.5%
Montgomery Co	3	37.5%
Pulaski Co	2	25.0%
Radford	1	12.5%
Total	8	100.0%

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS BY PATIENT STATUS, NEW RIVER HEALTH DISTRICT, 2006

PATIENT STATUS	Number of Cases	Percent of Total
Health Department	0	0.0%
Non-Health Department	8	100.0%
Total	8	100.0%

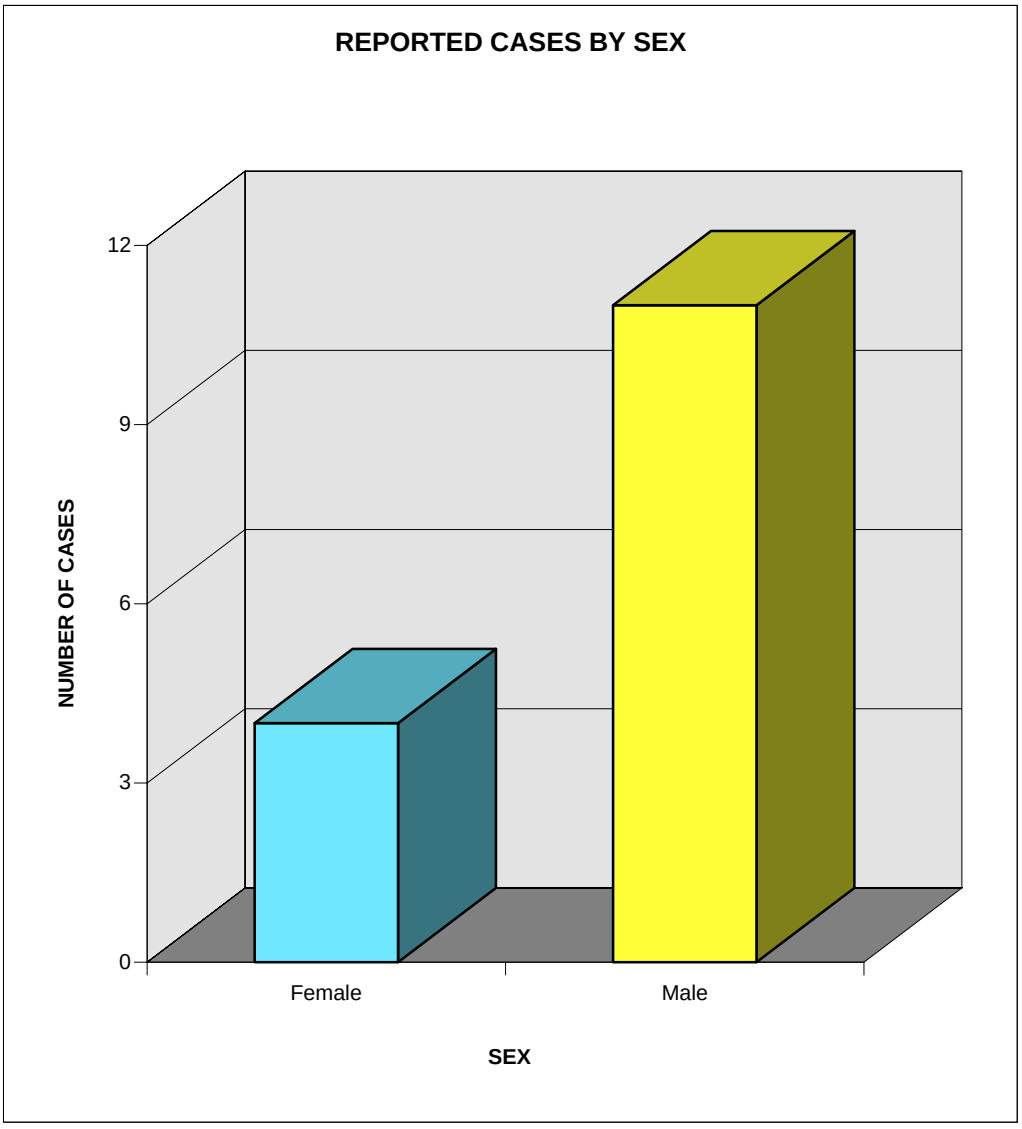
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY RACE, NORFOLK HEALTH DISTRICT, 2006

RACE	Number of Cases	Percent of Total
Black	11	73.3%
Unknown	2	13.3%
White	2	13.3%
Total	15	100.0%



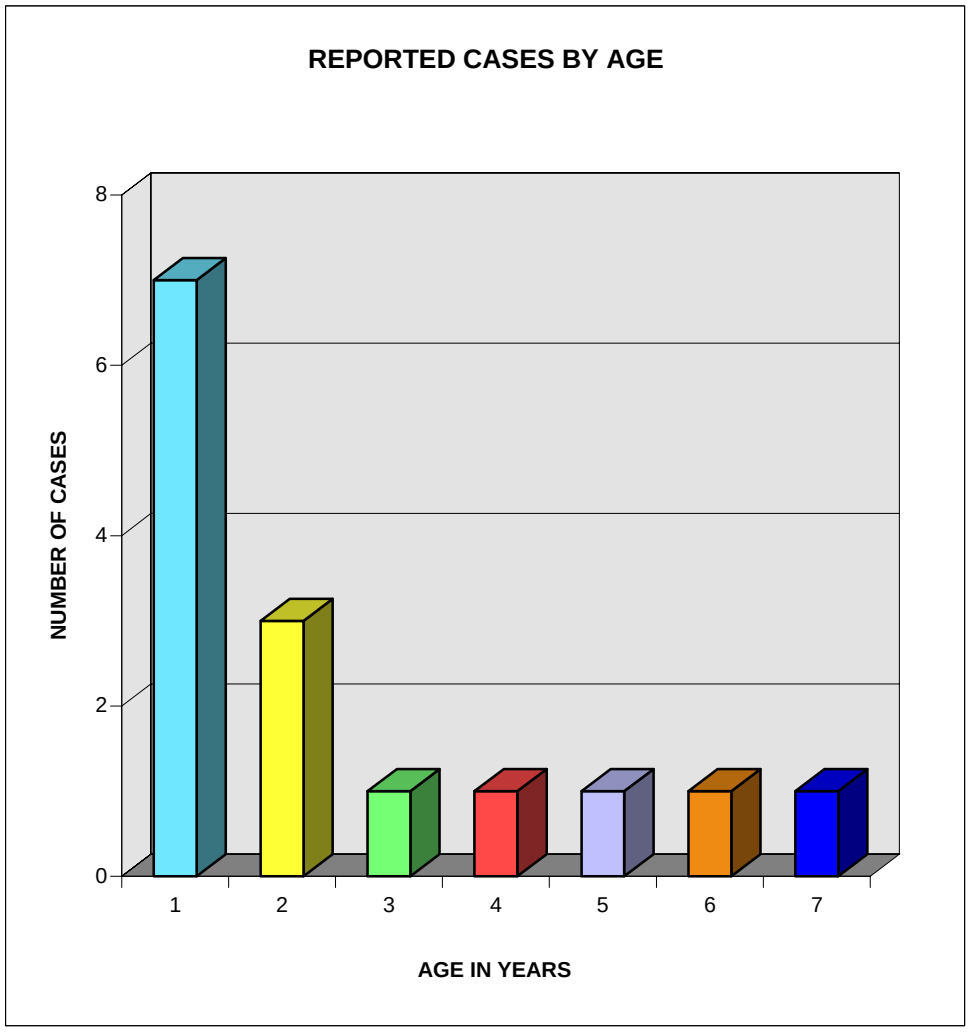
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY SEX, NORFOLK HEALTH DISTRICT, 2006

SEX	Number of Cases	Percent of Total
Female	4	26.7%
Male	11	73.3%
Total	15	100.0%



REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY AGE, NORFOLK HEALTH DISTRICT, 2006

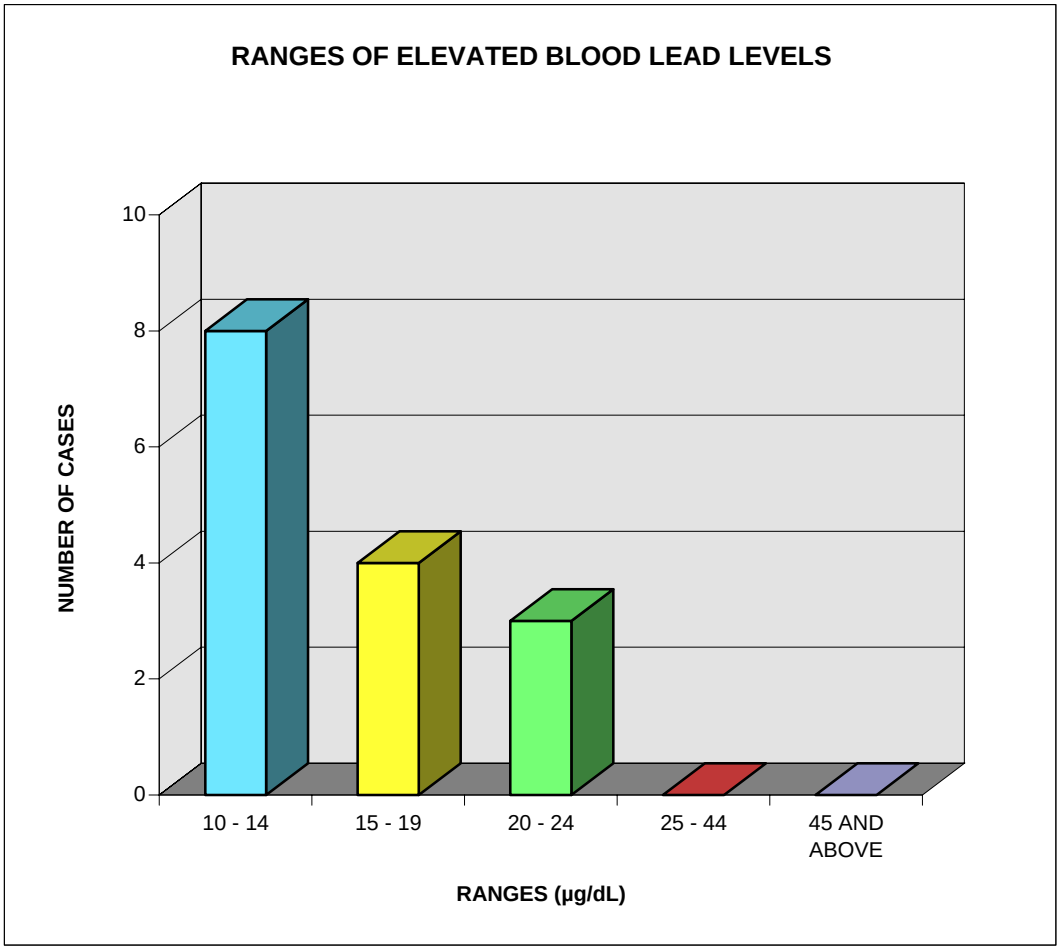
AGE IN YEARS	Number of Cases	Percent of Total
1	7	46.7%
2	3	20.0%
3	1	6.7%
4	1	6.7%
5	1	6.7%
6	1	6.7%
7	1	6.7%
Total	15	100.0%



REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY RANGE OF ELEVATION, NORFOLK HEALTH DISTRICT, 2006

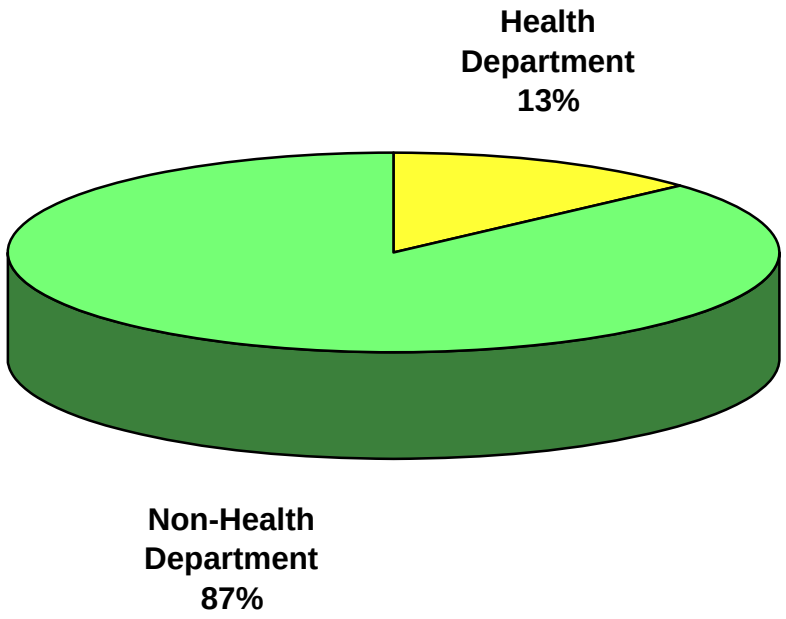
RANGES (µg/dL)*	Number of Cases	Percent of Total
10 - 14	8	53.3%
15 - 19	4	26.7%
20 - 24	3	20.0%
25 - 44	0	0.0%
45 AND ABOVE	0	0.0%
Total	15	100.0%

*Ranges reported in micrograms per deciliter (µg/dL)



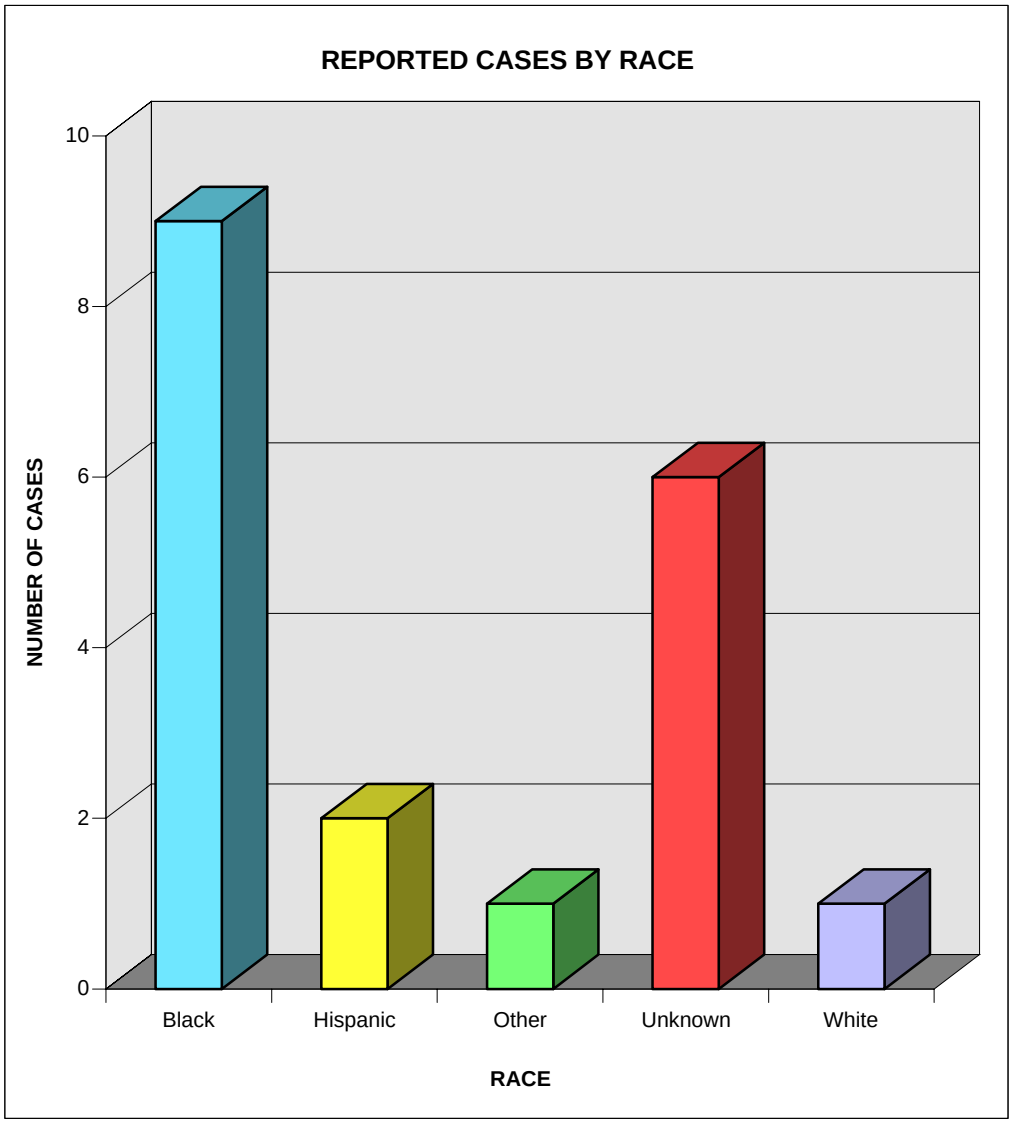
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY PATIENT STATUS, NORFOLK HEALTH DISTRICT, 2006

PATIENT STATUS	Number of Cases	Percent of Total
Health Department	2	13.3%
Non-Health Department	13	86.7%
Total	15	100.0%



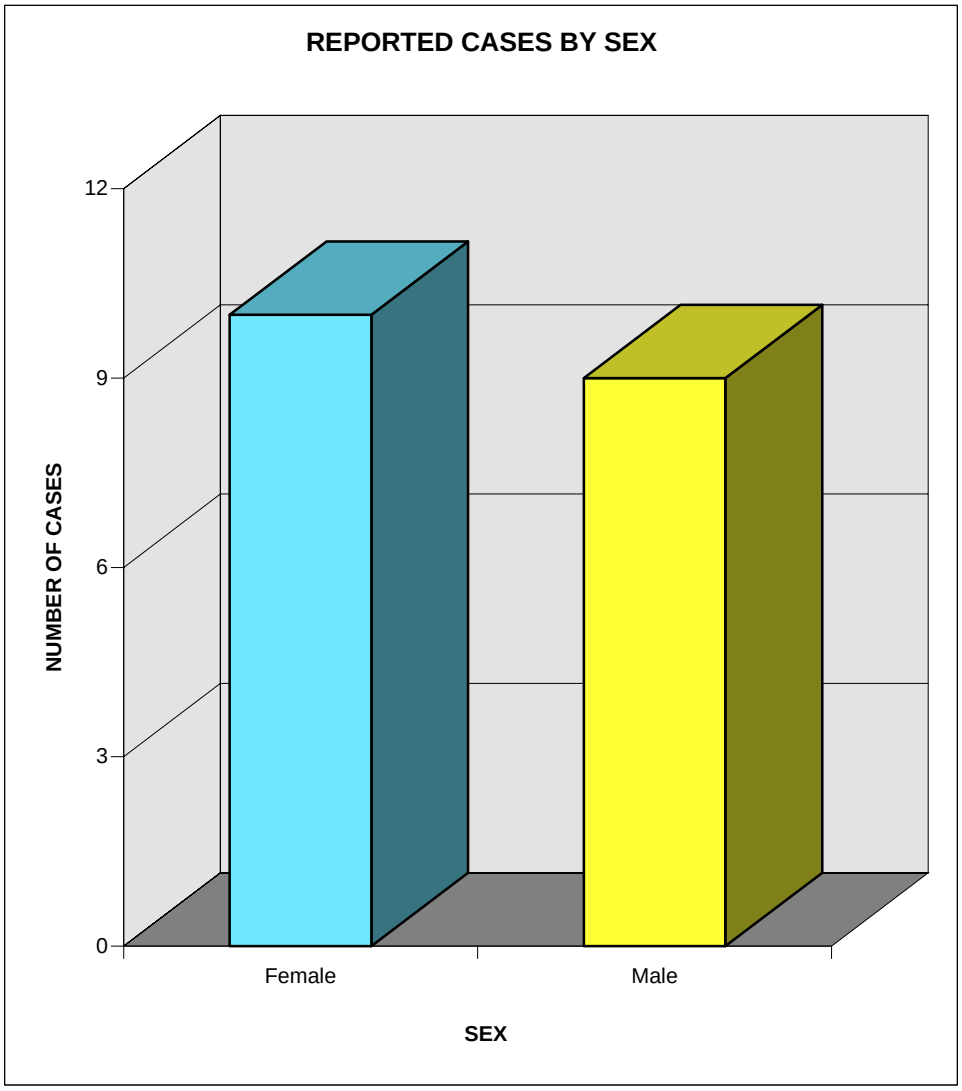
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY RACE, PENINSULA HEALTH DISTRICT, 2006

RACE	Number of Cases	Percent of Total
Black	9	47.4%
Hispanic	2	10.5%
Other	1	5.3%
Unknown	6	31.6%
White	1	5.3%
Total	19	100.0%



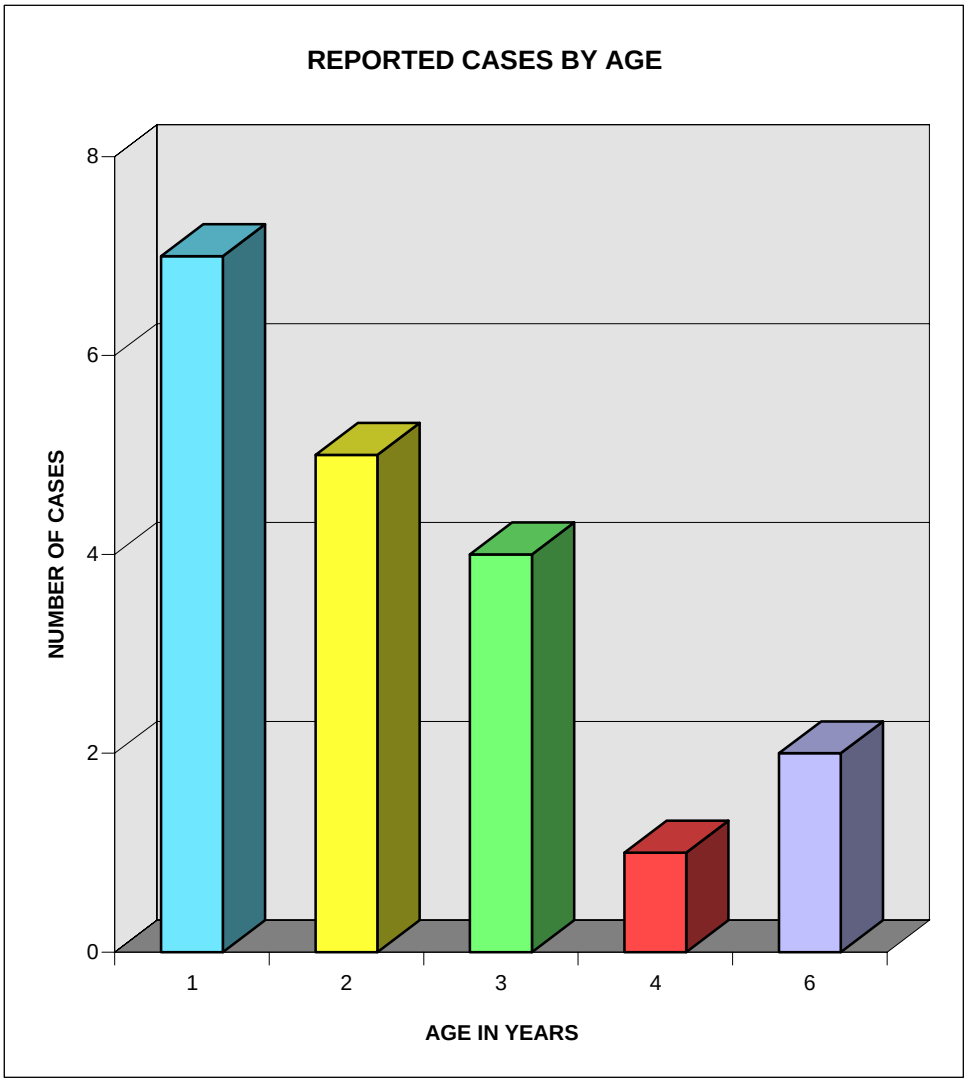
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY SEX, PENINSULA HEALTH DISTRICT, 2006

SEX	Number of Cases	Percent of Total
Female	10	52.6%
Male	9	47.4%
Total	19	100.0%



REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY AGE, PENINSULA HEALTH DISTRICT, 2006

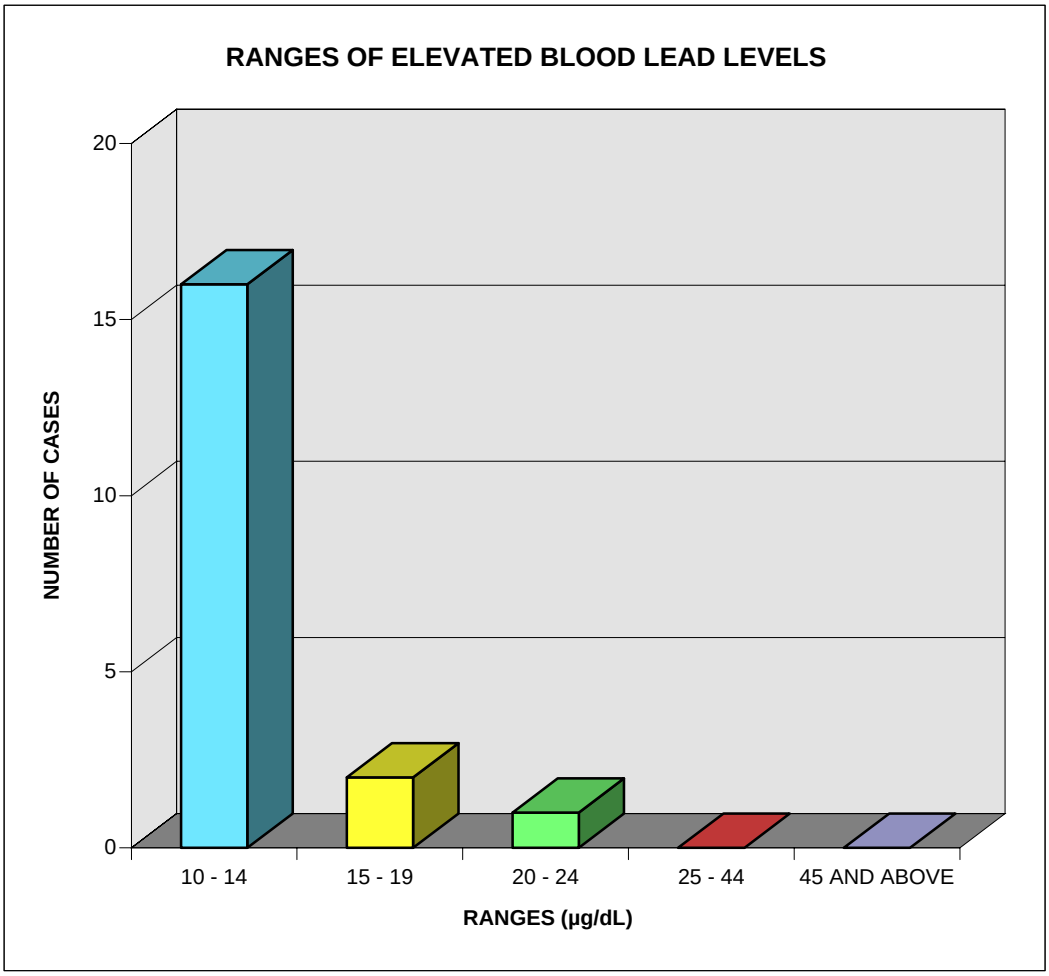
AGE IN YEARS	Number of Cases	Percent of Total
1	7	36.8%
2	5	26.3%
3	4	21.1%
4	1	5.3%
6	2	10.5%
Total	19	100.0%



REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY RANGE OF ELEVATION, PENINSULA HEALTH DISTRICT, 2006

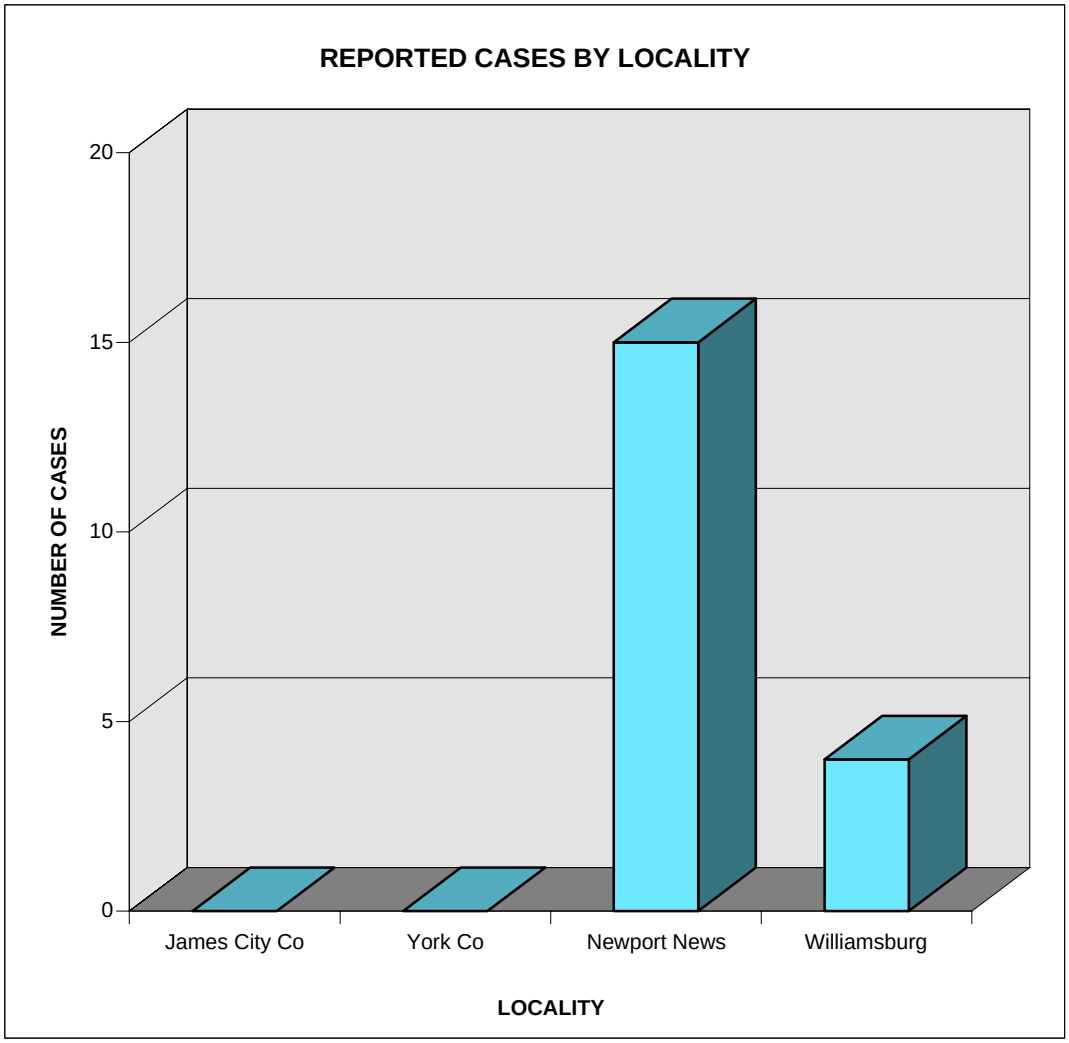
RANGES (µg/dL)*	Number of Cases	Percent of Total
10 - 14	16	84.2%
15 - 19	2	10.5%
20 - 24	1	5.3%
25 - 44	0	0.0%
45 AND ABOVE	0	0.0%
Total	19	100.0%

*Ranges reported in micrograms per deciliter (µg/dL)



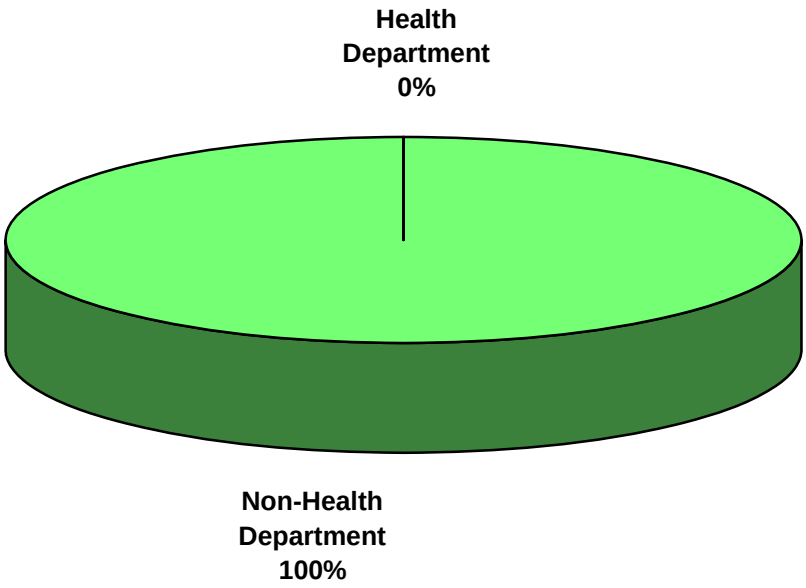
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY LOCALITY, PENINSULA HEALTH DISTRICT, 2006

LOCALITY	Number of Cases	Percent of Total
James City Co	0	0.0%
York Co	0	0.0%
Newport News	15	78.9%
Williamsburg	4	21.1%
Total	19	100.0%



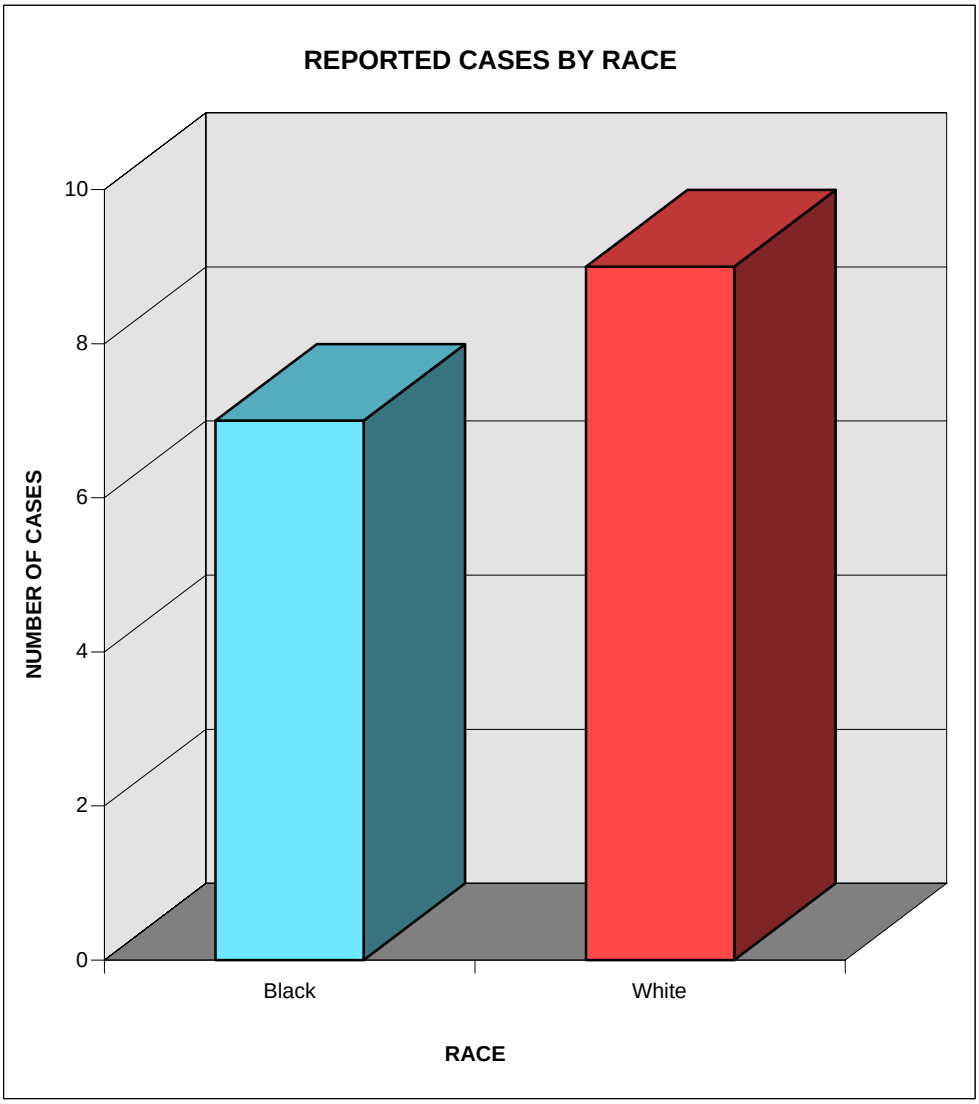
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY PATIENT STATUS, PENINSULA HEALTH DISTRICT, 2006

PATIENT STATUS	Number of Cases	Percent of Total
Health Department	0	0.0%
Non-Health Department	19	100.0%
Total	19	100.0%



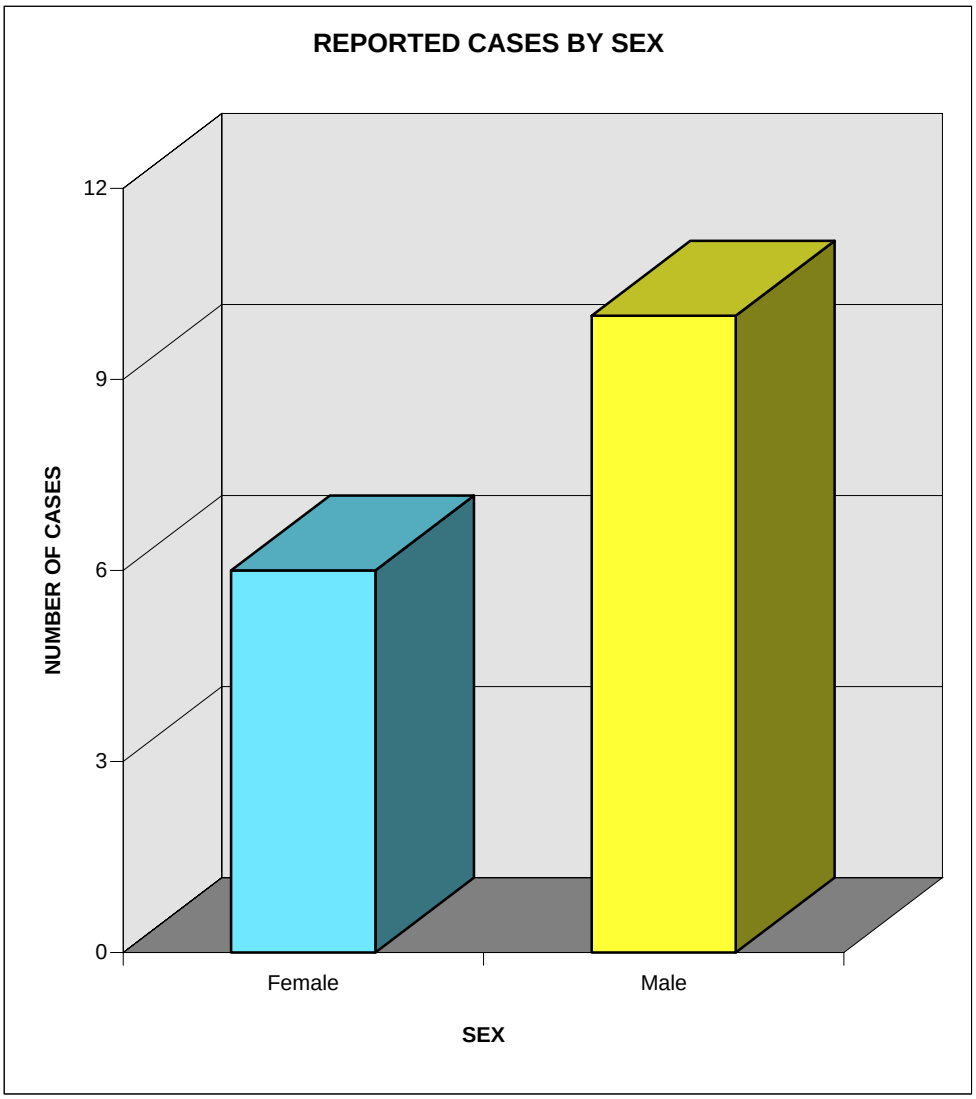
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY RACE, PIEDMONT HEALTH DISTRICT, 2006

RACE	Number of Cases	Percent of Total
Black	7	43.8%
White	9	56.3%
Total	16	100.0%



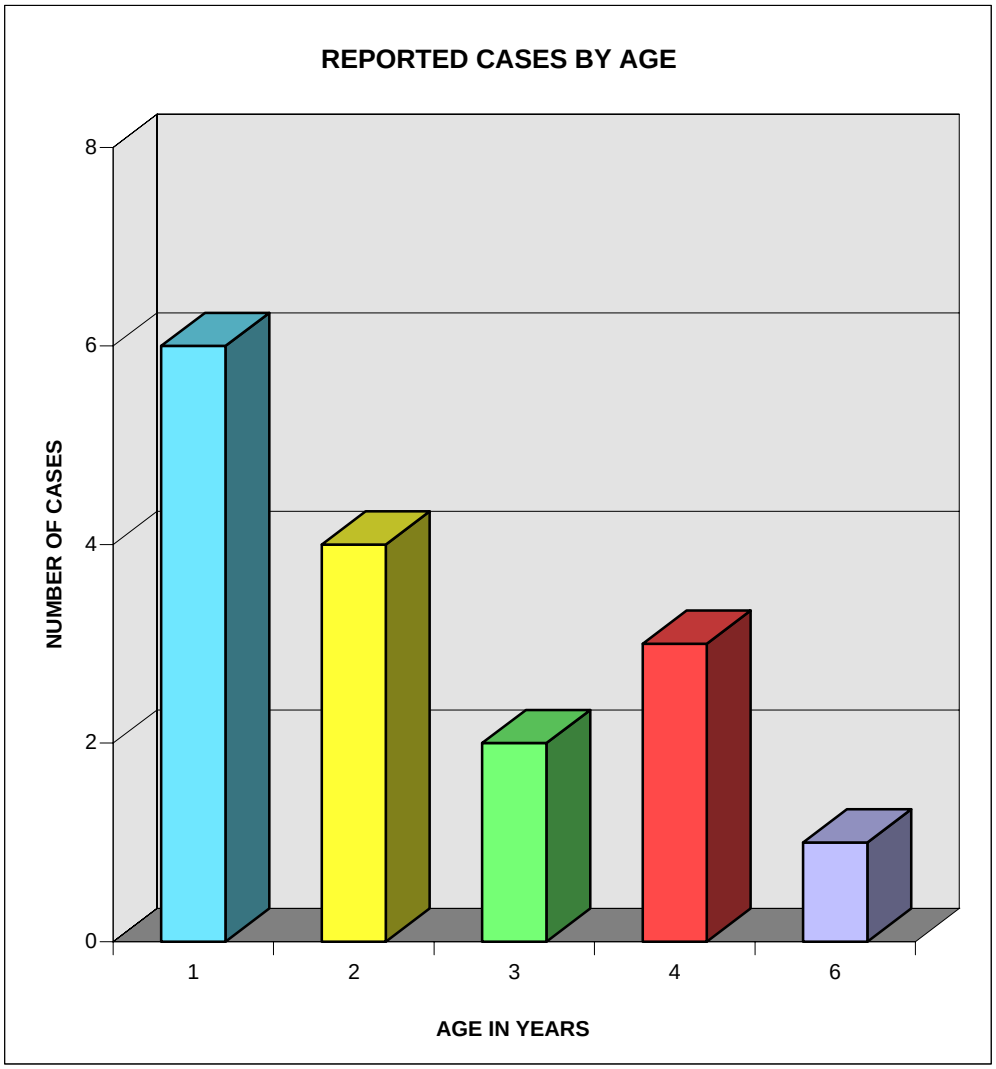
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY SEX, PIEDMONT HEALTH DISTRICT, 2006

SEX	Number of Cases	Percent of Total
Female	6	37.5%
Male	10	62.5%
Total	16	100.0%



REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY AGE, PIEDMONT HEALTH DISTRICT, 2006

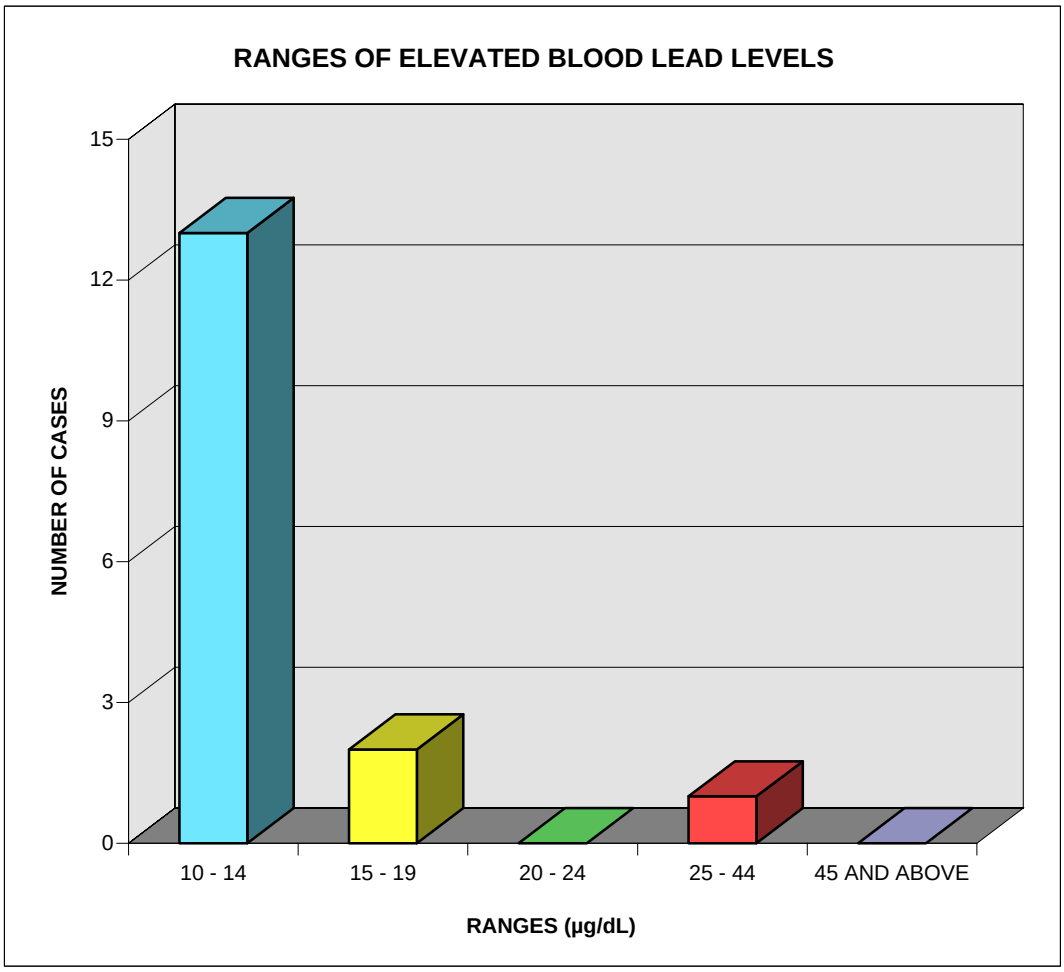
AGE IN YEARS	Number of Cases	Percent of Total
1	6	37.5%
2	4	25.0%
3	2	12.5%
4	3	18.8%
6	1	6.3%
Total	16	100.0%



REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY RANGE OF ELEVATION, PIEDMONT HEALTH DISTRICT, 2006

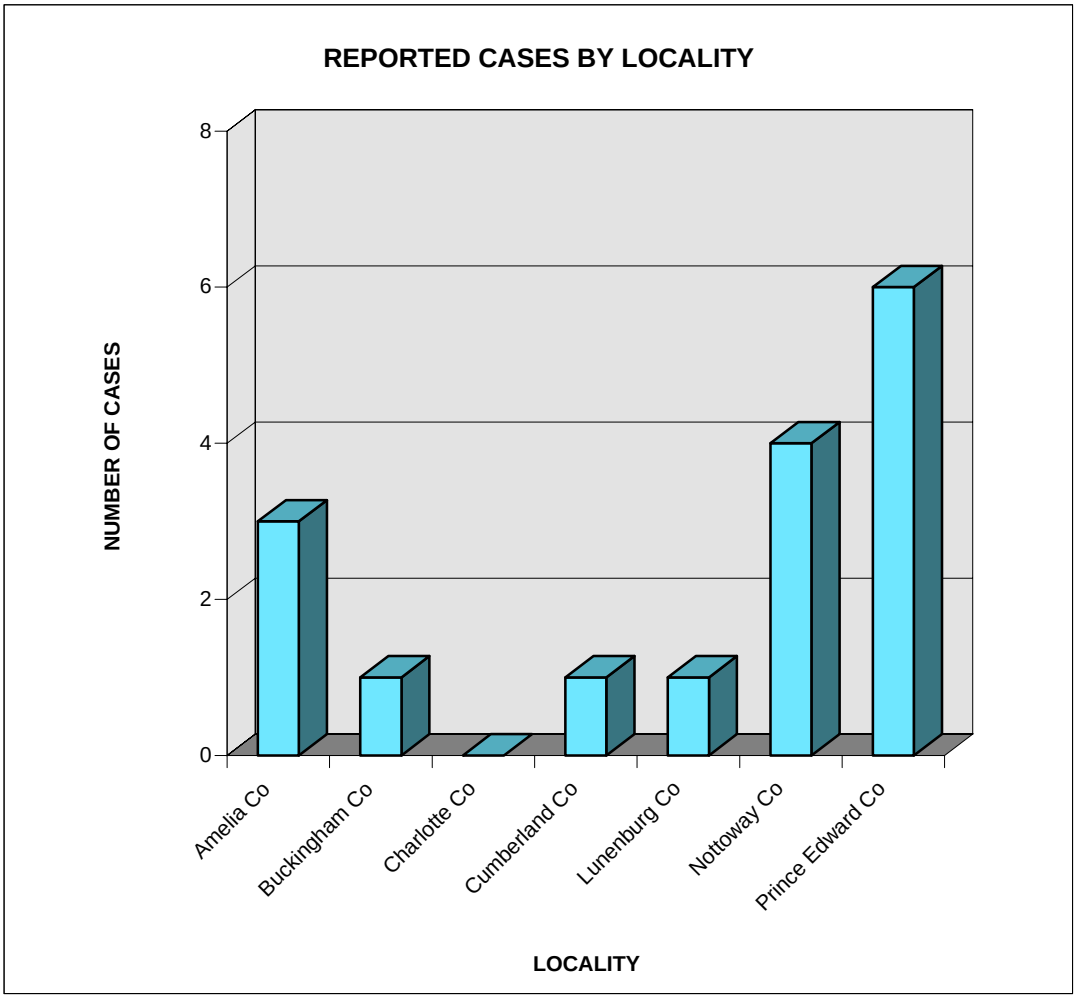
RANGES (µg/dL)*	Number of Cases	Percent of Total
10 - 14	13	81.3%
15 - 19	2	12.5%
20 - 24	0	0.0%
25 - 44	1	6.3%
45 AND ABOVE	0	0.0%
Total	16	100.0%

*Ranges reported in micrograms per deciliter (µg/dL)



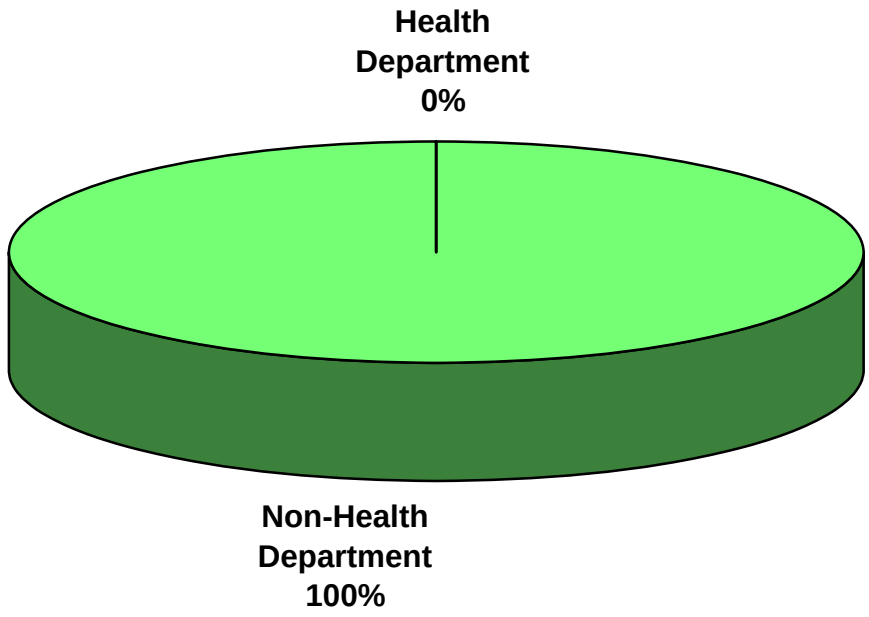
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY LOCALITY, PIEDMONT HEALTH DISTRICT, 2006

LOCALITY	Number of Cases	Percent of Total
Amelia Co	3	18.8%
Buckingham Co	1	6.3%
Charlotte Co	0	0.0%
Cumberland Co	1	6.3%
Lunenburg Co	1	6.3%
Nottoway Co	4	25.0%
Prince Edward Co	6	37.5%
Total	16	100.0%



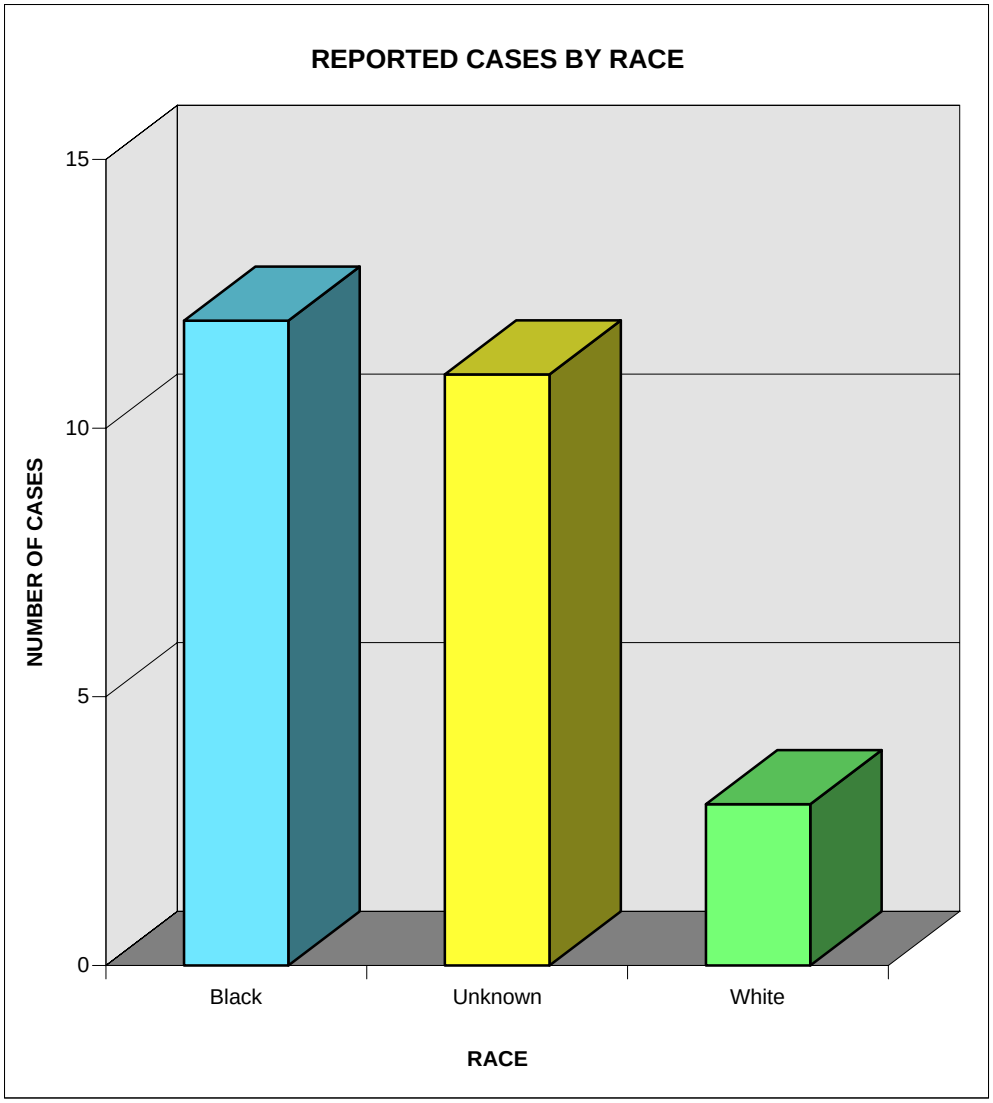
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY PATIENT STATUS, PIEDMONT HEALTH DISTRICT, 2006

PATIENT STATUS	Number of Cases	Percent of Total
Health Department	0	0.0%
Non-Health Department	16	100.0%
Total	16	100.0%



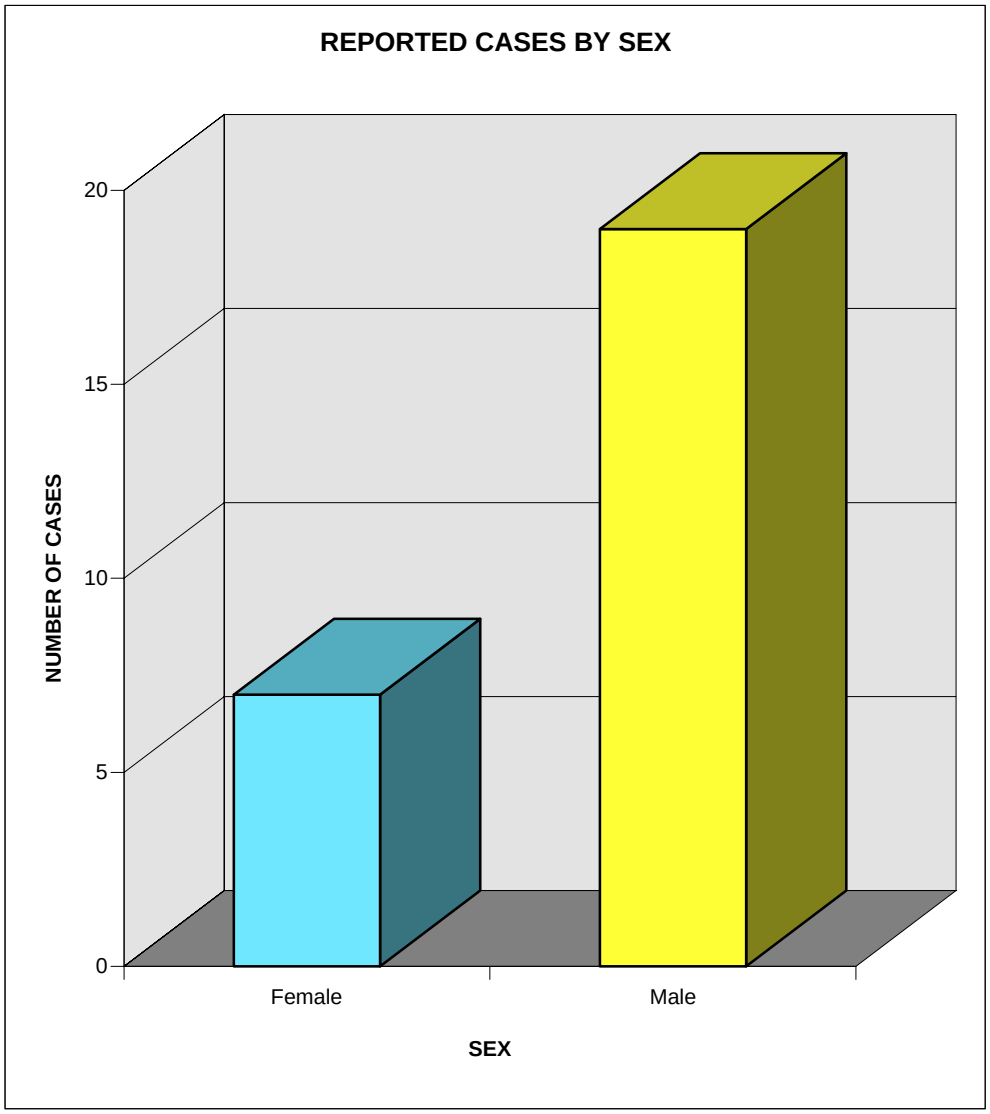
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY RACE, PITTSYLVANIA/DANVILLE HEALTH DISTRICT, 2006

RACE	Number of Cases	Percent of Total
Black	12	46.2%
Unknown	11	42.3%
White	3	11.5%
Total	26	100.0%



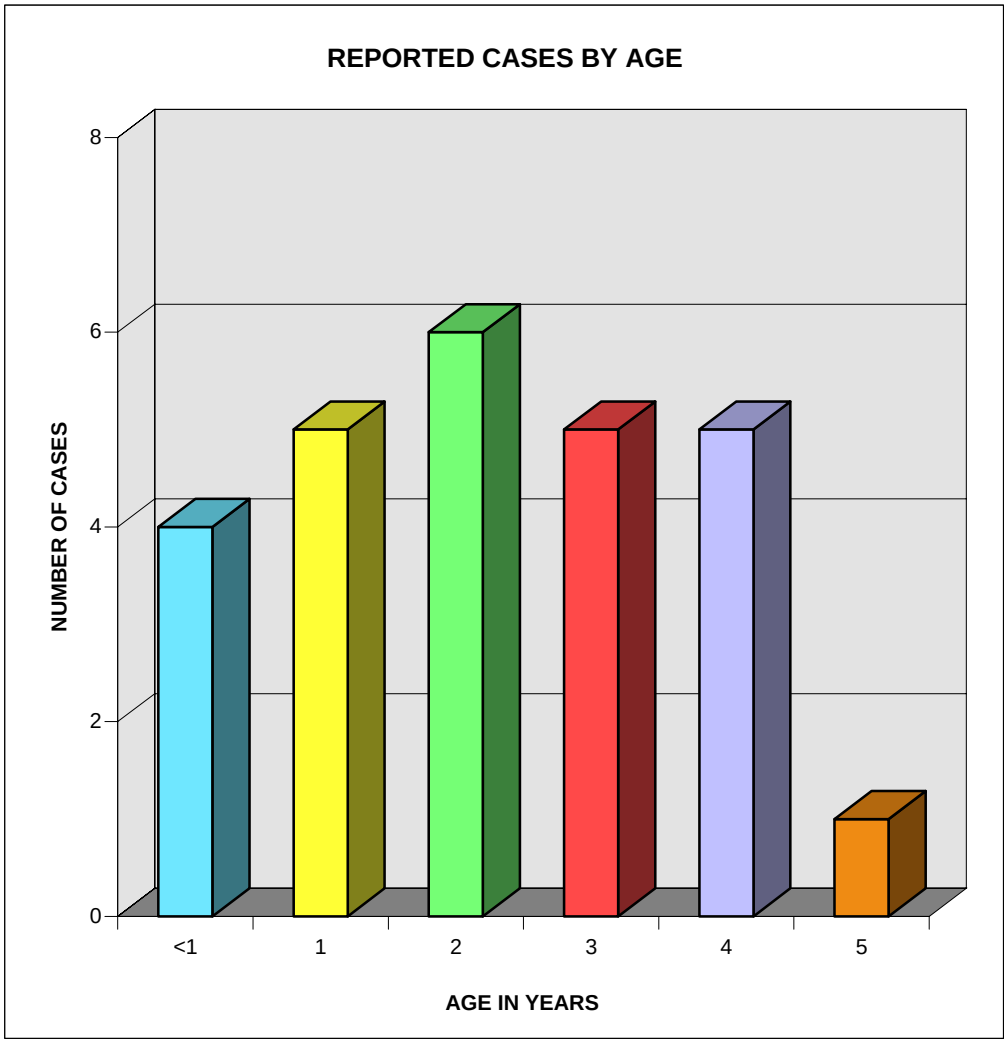
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY SEX, PITTSYLVANIA/DANVILLE HEALTH DISTRICT, 2006

SEX	Number of Cases	Percent of Total
Female	7	26.9%
Male	19	73.1%
Total	26	100.0%



REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY AGE, PITTSYLVANIA/DANVILLE HEALTH DISTRICT, 2006

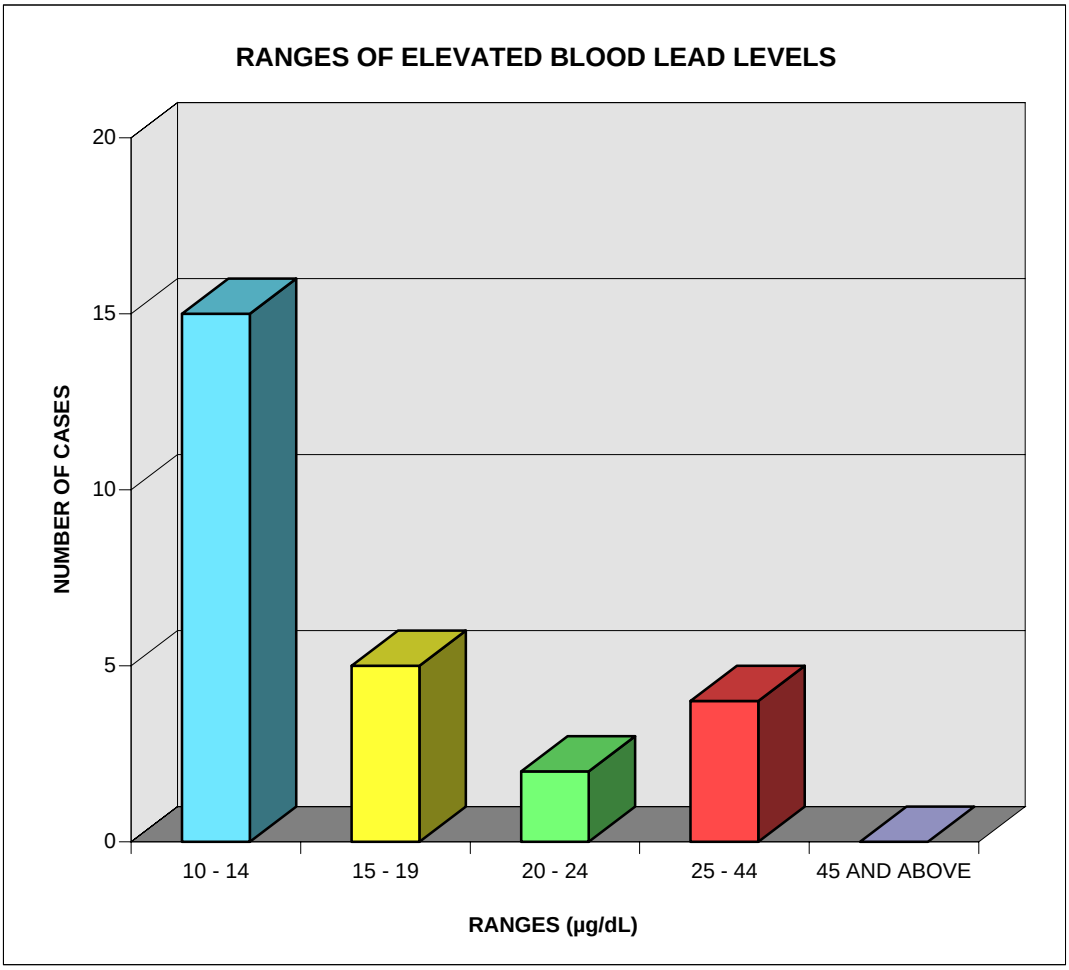
AGE IN YEARS	Number of Cases	Percent of Total
<1	4	15.4%
1	5	19.2%
2	6	23.1%
3	5	19.2%
4	5	19.2%
5	1	3.8%
Total	26	100.0%



REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY RANGE OF ELEVATION, PITTSYLVANIA/DANVILLE HEALTH DISTRICT, 2006

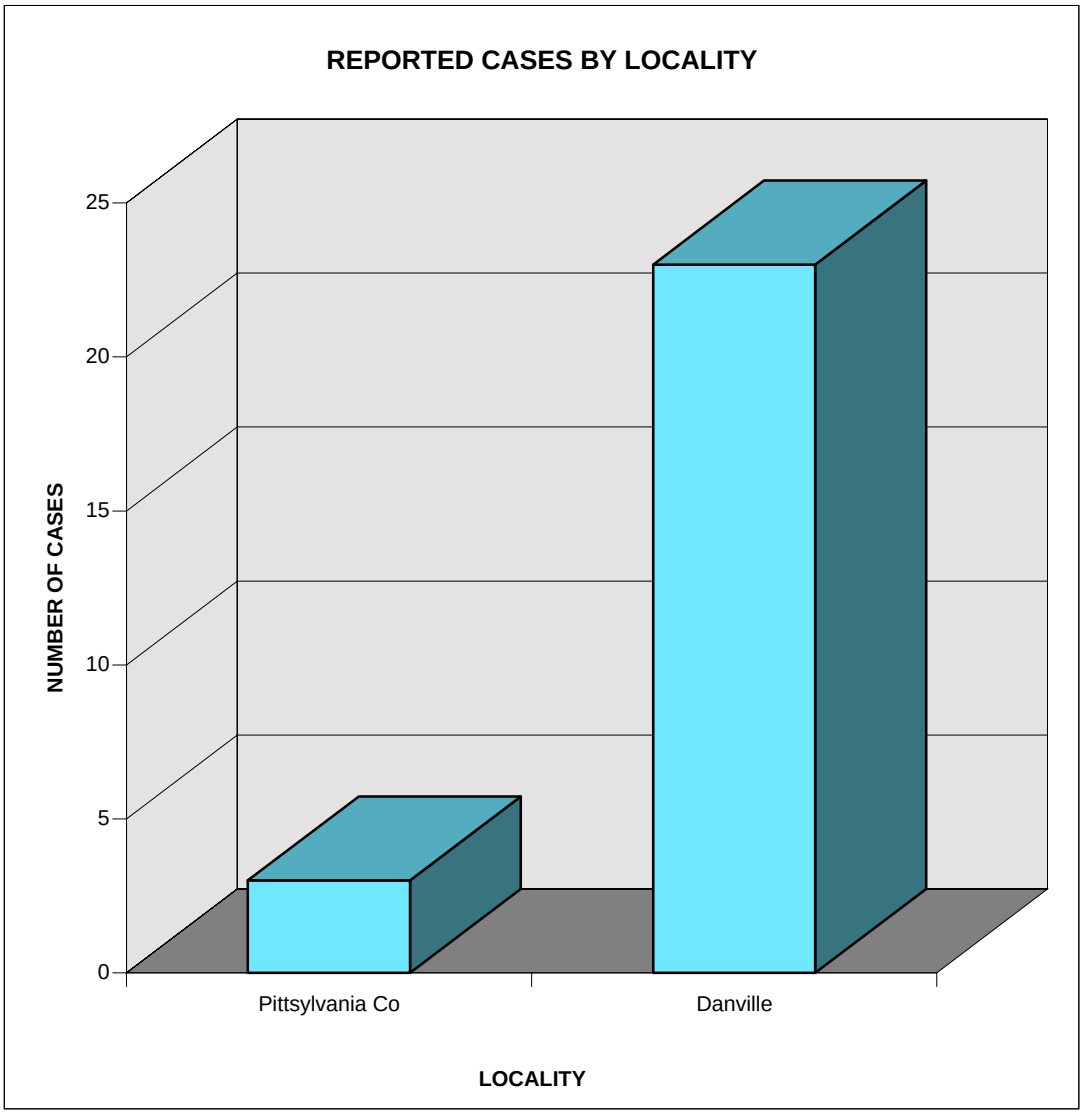
RANGES (µg/dL)*	Number of Cases	Percent of Total
10 - 14	15	57.7%
15 - 19	5	19.2%
20 - 24	2	7.7%
25 - 44	4	15.4%
45 AND ABOVE	0	0.0%
Total	26	100.0%

*Ranges reported in micrograms per deciliter (µg/dL)



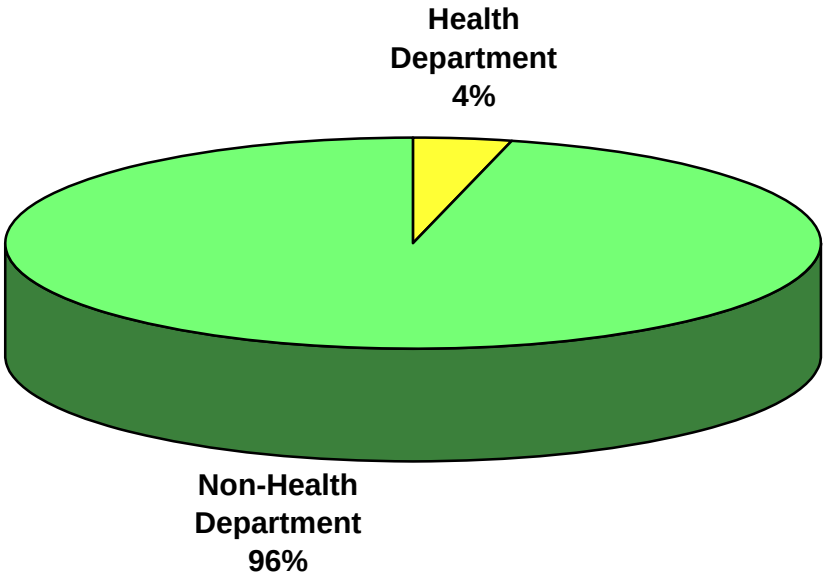
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY LOCALITY, PITTSYLVANIA/DANVILLE HEALTH DISTRICT, 2006

LOCALITY	Number of Cases	Percent of Total
Pittsylvania Co	3	11.5%
Danville	23	88.5%
Total	26	100.0%



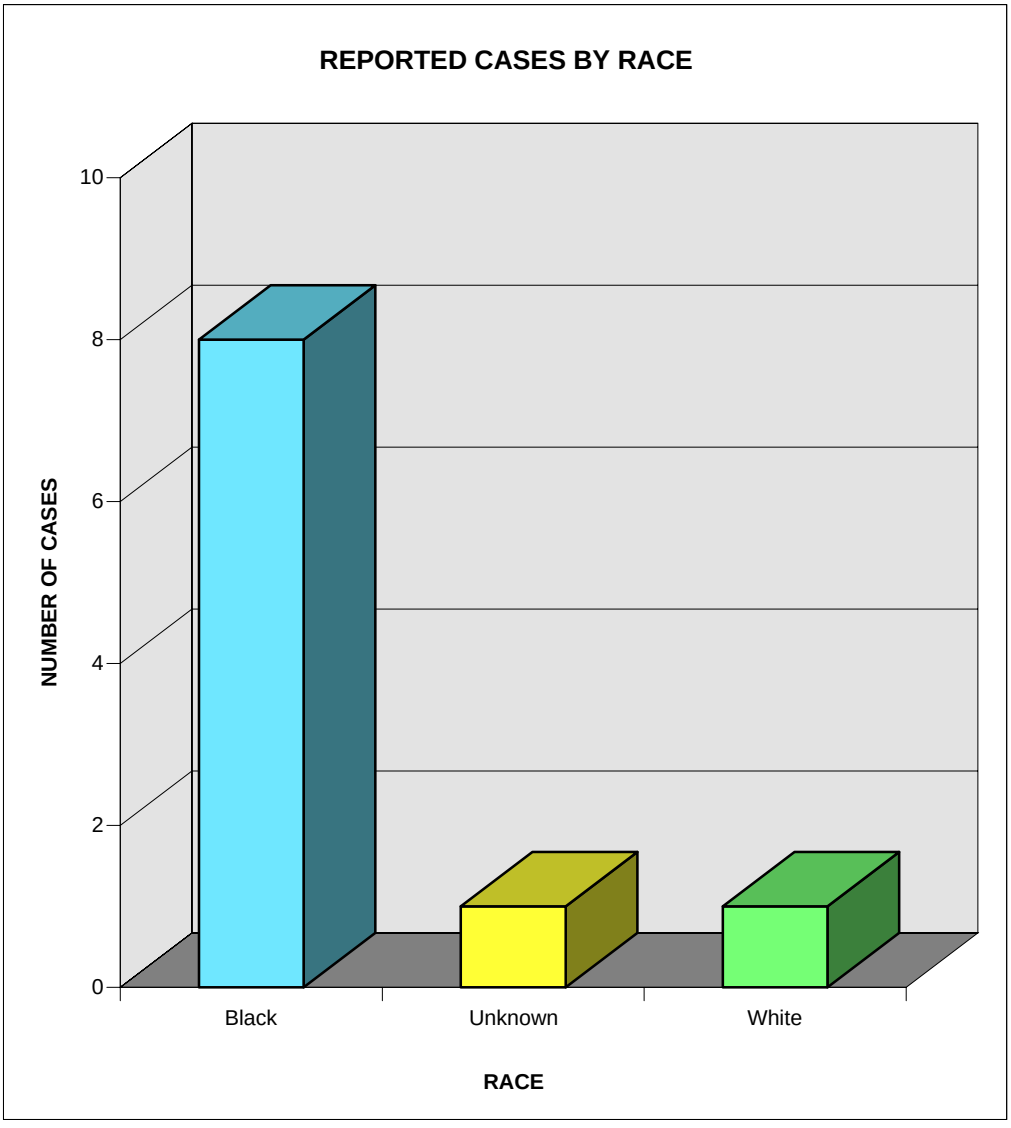
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY PATIENT STATUS, PITTSYLVANIA/DANVILLE HEALTH DISTRICT, 2006

PATIENT STATUS	Number of Cases	Percent of Total
Health Department	1	3.8%
Non-Health Department	25	96.2%
Total	26	100.0%



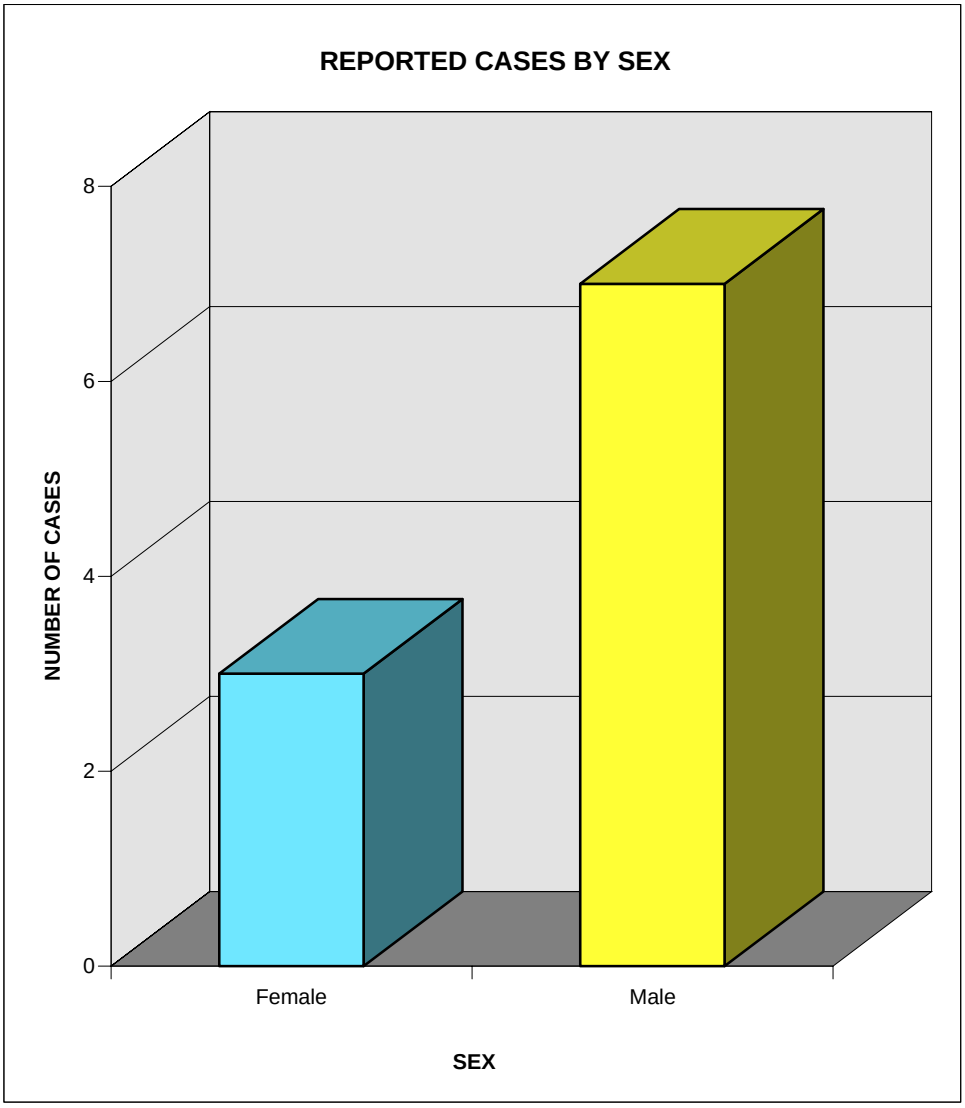
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY RACE, PORTSMOUTH HEALTH DISTRICT, 2006

RACE	Number of Cases	Percent of Total
Black	8	80.0%
Unknown	1	10.0%
White	1	10.0%
Total	10	100.0%



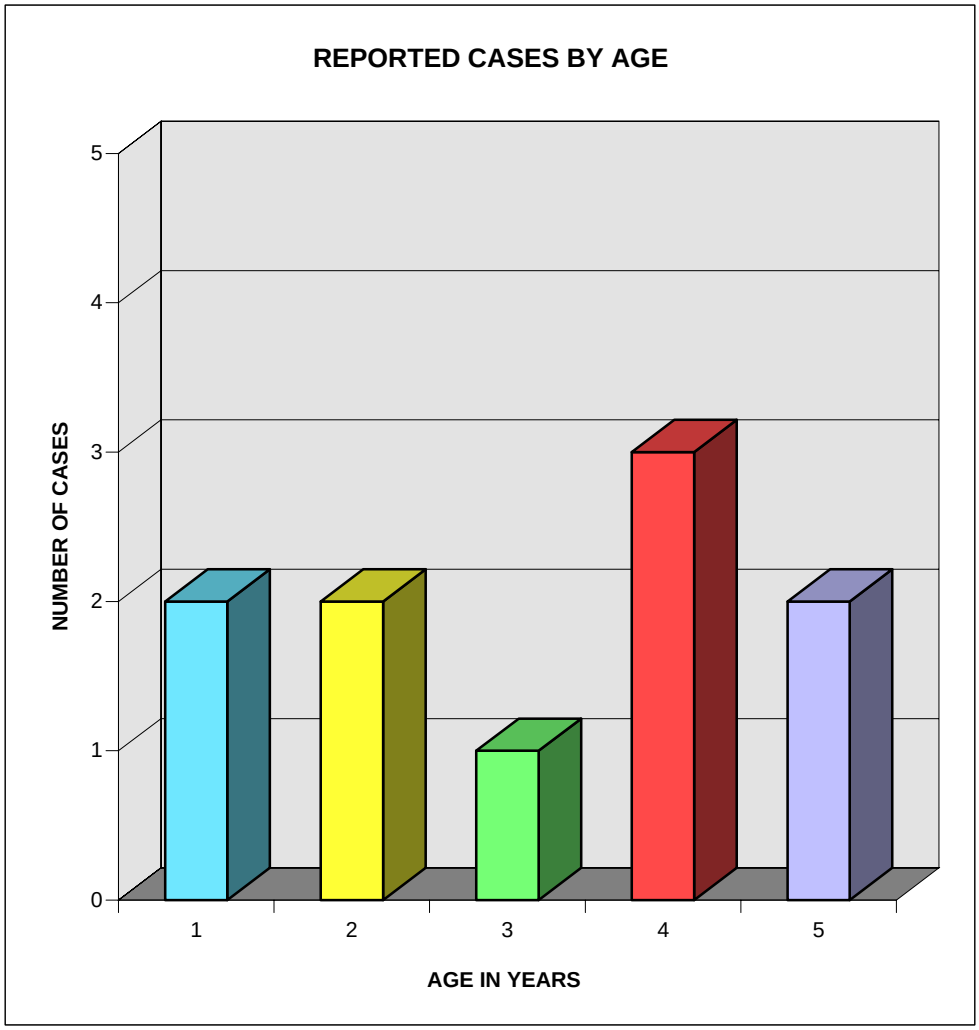
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY SEX, PORTSMOUTH HEALTH DISTRICT, 2006

SEX	Number of Cases	Percent of Total
Female	3	30.0%
Male	7	70.0%
Total	10	100.0%



REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY AGE, PORTSMOUTH HEALTH DISTRICT, 2006

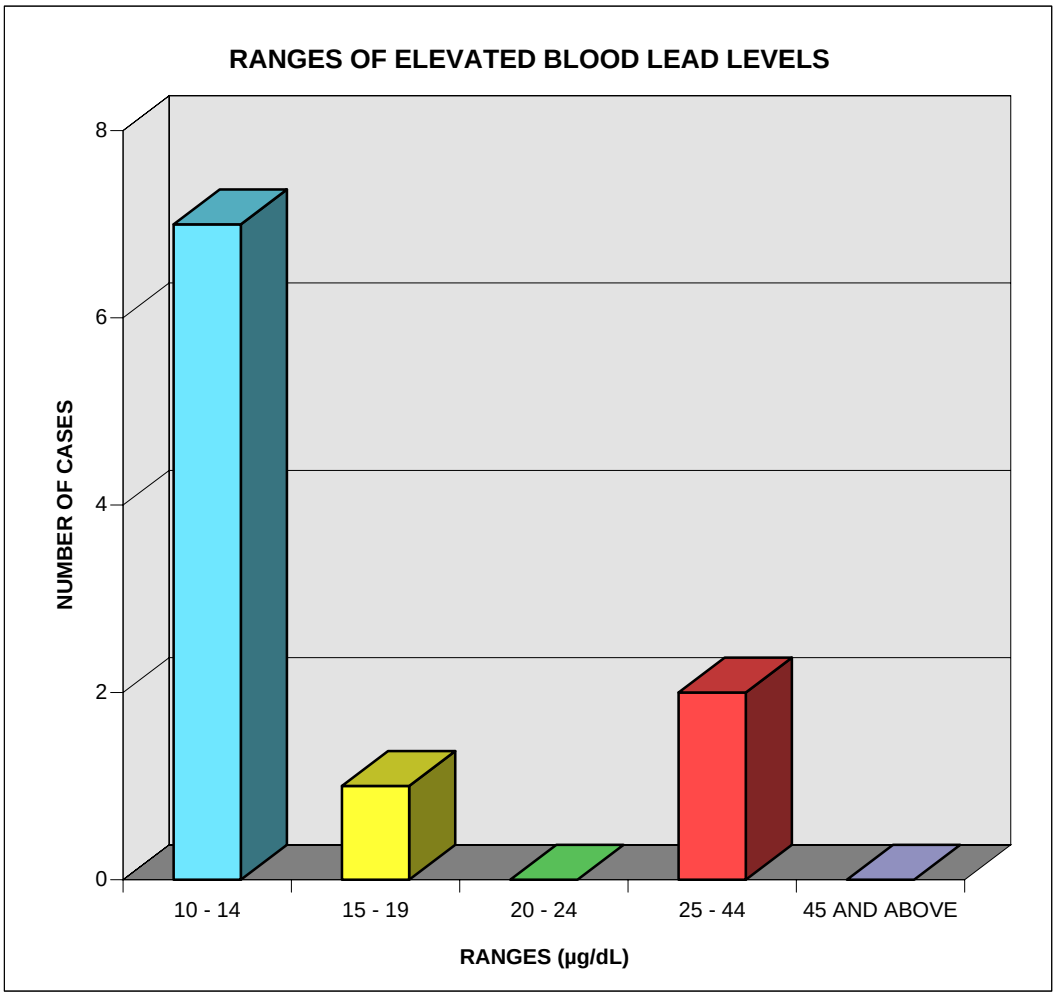
AGE IN YEARS	Number of Cases	Percent of Total
1	2	20.0%
2	2	20.0%
3	1	10.0%
4	3	30.0%
5	2	20.0%
Total	10	100.0%



REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY RANGE OF ELEVATION, PORTSMOUTH HEALTH DISTRICT, 2006

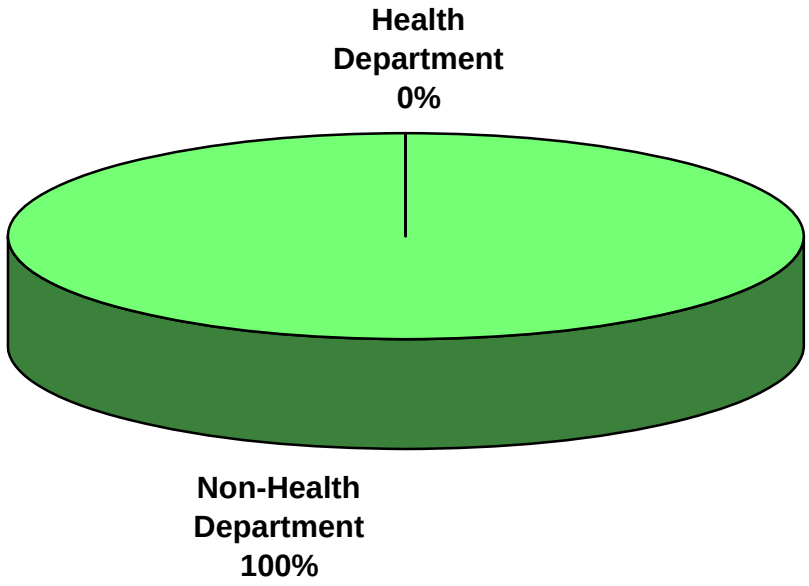
RANGES (µg/dL)*	Number of Cases	Percent of Total
10 - 14	7	70.0%
15 - 19	1	10.0%
20 - 24	0	0.0%
25 - 44	2	20.0%
45 AND ABOVE	0	0.0%
Total	10	100.0%

*Ranges reported in micrograms per deciliter (µg/dL)



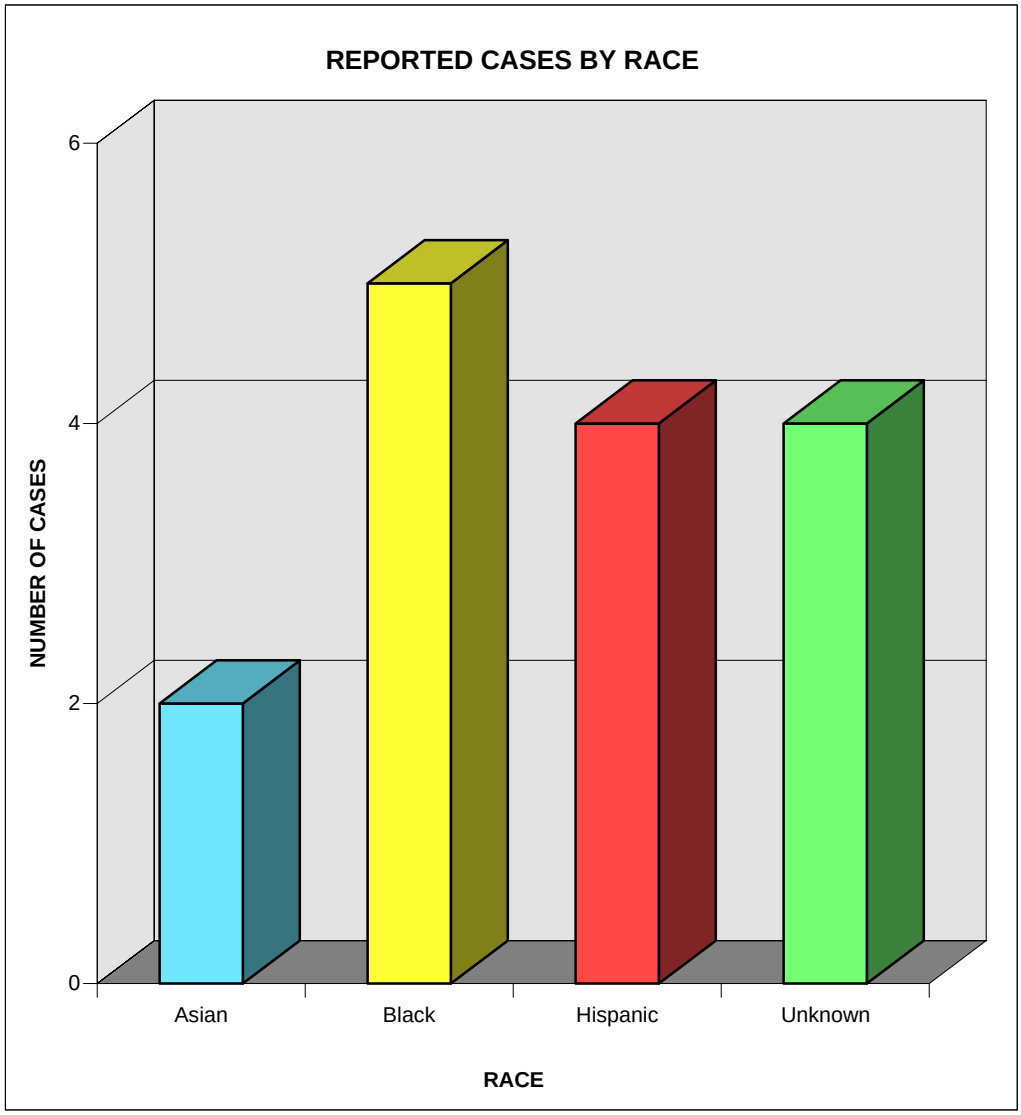
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY PATIENT STATUS, PORTSMOUTH HEALTH DISTRICT, 2006

PATIENT STATUS	Number of Cases	Percent of Total
Health Department	0	0.0%
Non-Health Department	10	100.0%
Total	10	100.0%



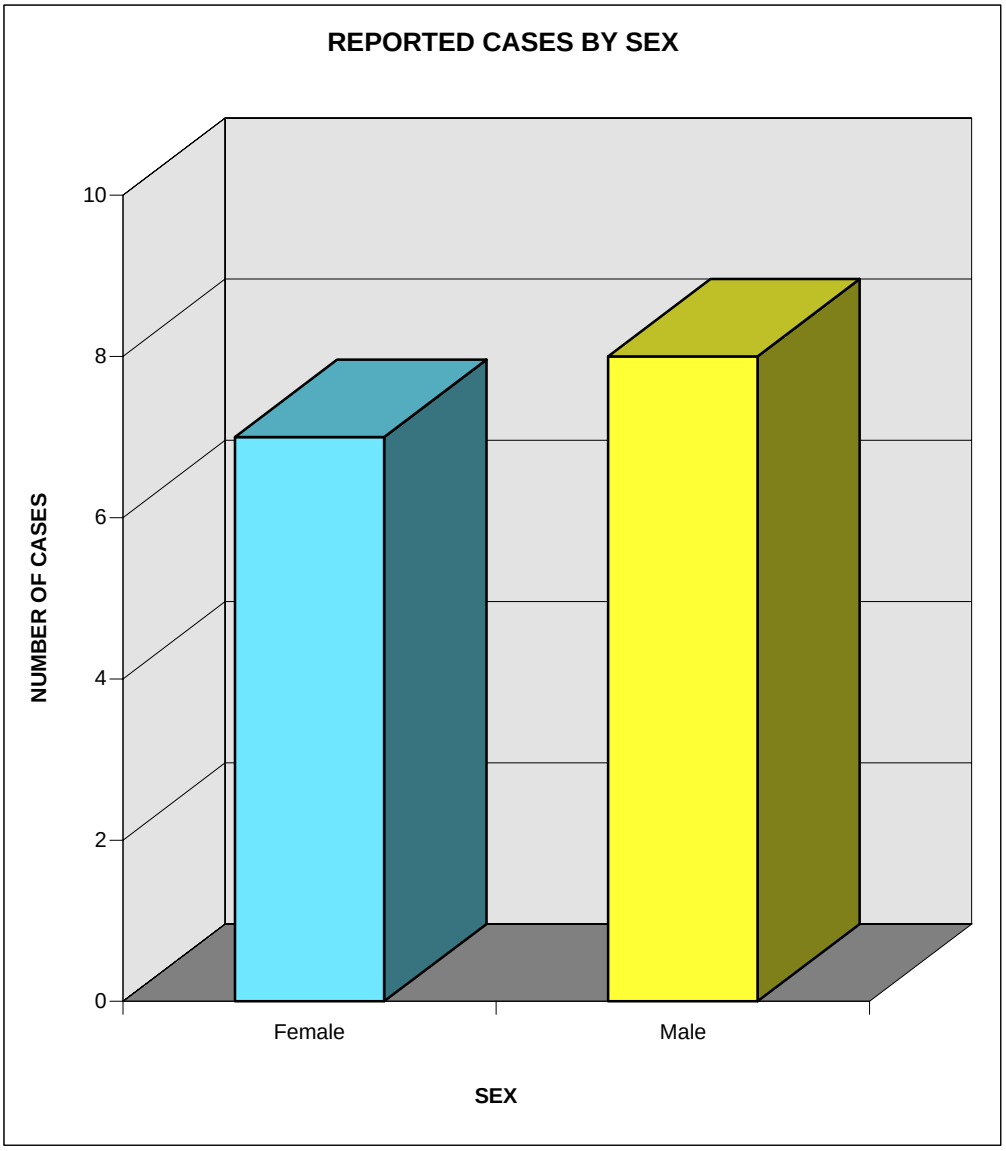
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY RACE, PRINCE WILLIAM HEALTH DISTRICT, 2006

RACE	Number of Cases	Percent of Total
Asian	2	13.3%
Black	5	33.3%
Hispanic	4	26.7%
Unknown	4	26.7%
Total	15	100.0%



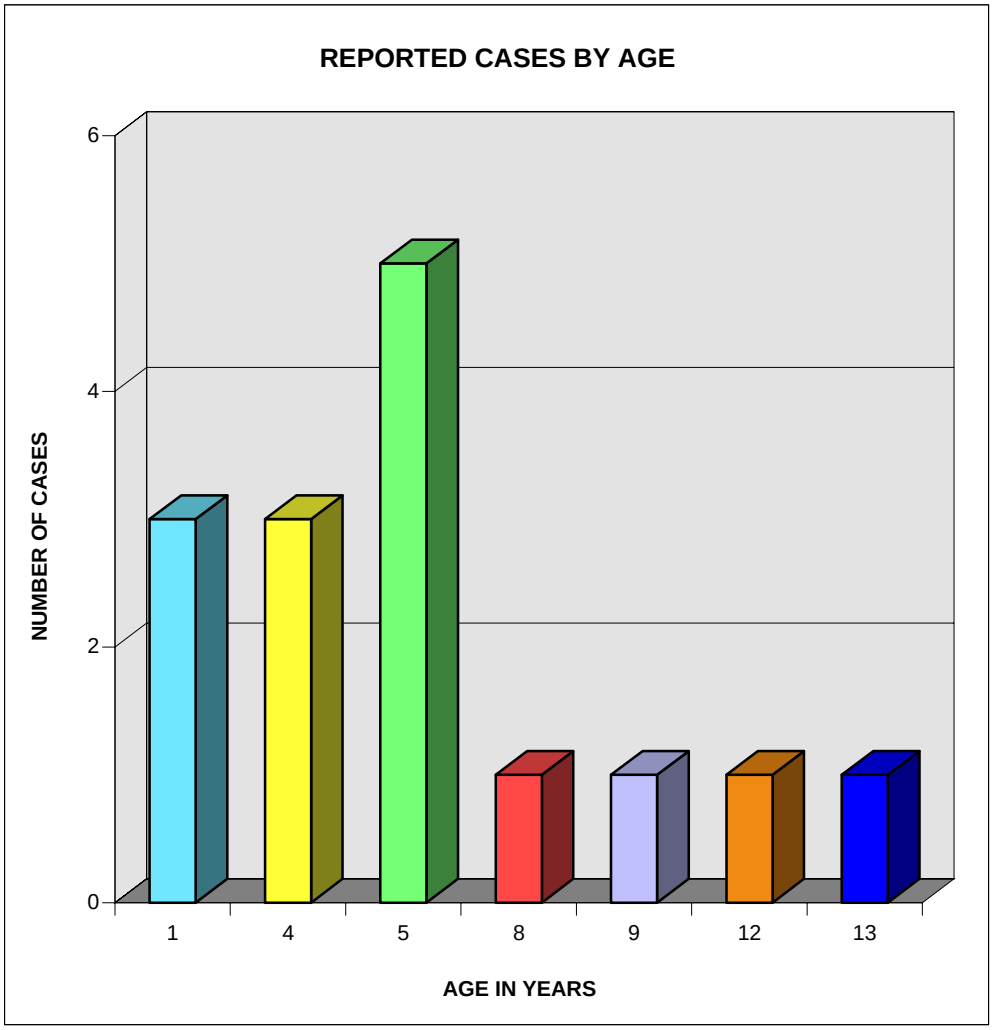
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY SEX, PRINCE WILLIAM HEALTH DISTRICT, 2006

SEX	Number of Cases	Percent of Total
Female	7	46.7%
Male	8	53.3%
Total	15	100.0%



REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY AGE, PRINCE WILLIAM HEALTH DISTRICT, 2006

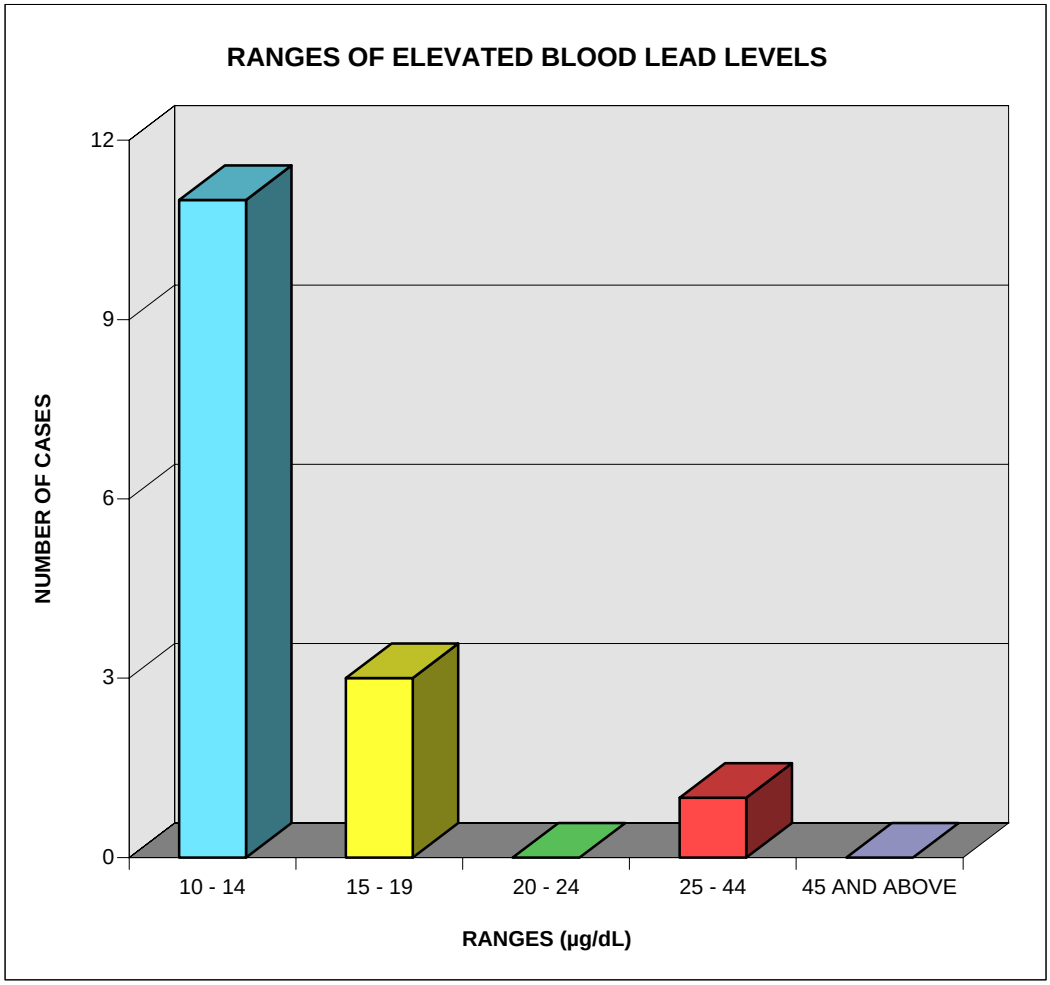
AGE IN YEARS	Number of Cases	Percent of Total
1	3	20.0%
4	3	20.0%
5	5	33.3%
8	1	6.7%
9	1	6.7%
12	1	6.7%
13	1	6.7%
Total	15	100.0%



REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY RANGE OF ELEVATION, PRINCE WILLIAM HEALTH DISTRICT, 2006

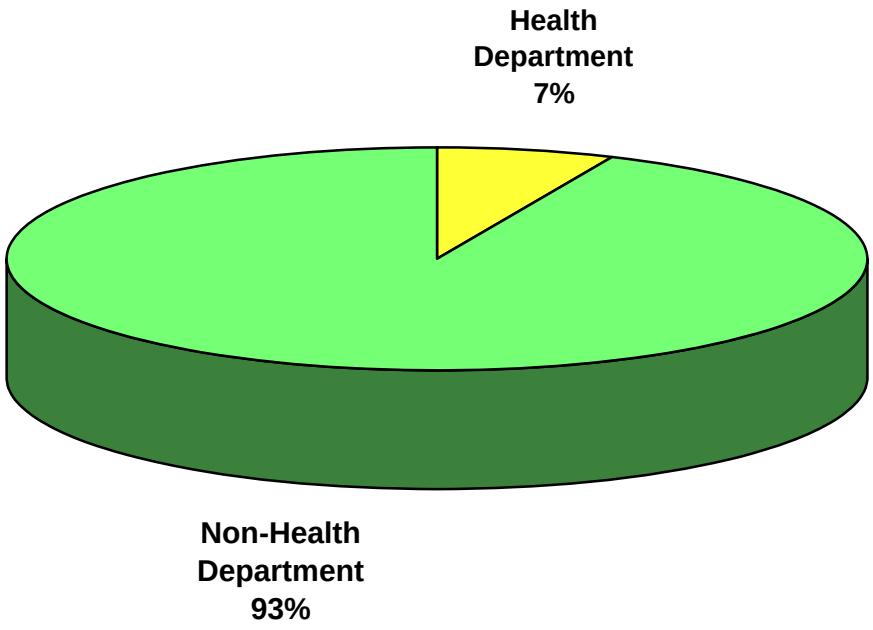
RANGES (µg/dL)*	Number of Cases	Percent of Total
10 - 14	11	73.3%
15 - 19	3	20.0%
20 - 24	0	0.0%
25 - 44	1	6.7%
45 AND ABOVE	0	0.0%
Total	15	100.0%

*Ranges reported in micrograms per deciliter (µg/dL)



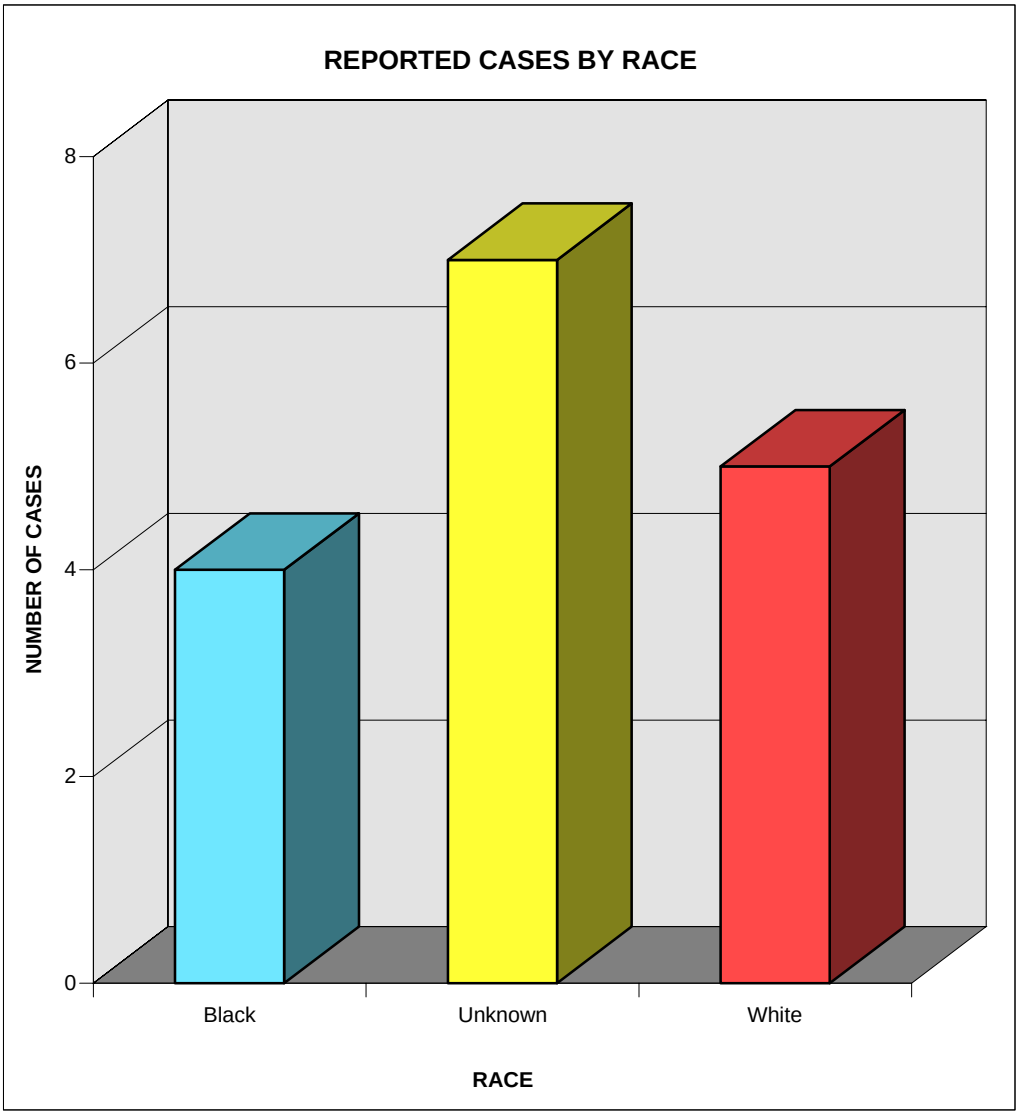
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY PATIENT STATUS, PRINCE WILLIAM HEALTH DISTRICT, 2006

PATIENT STATUS	Number of Cases	Percent of Total
Health Department	1	6.7%
Non-Health Department	14	93.3%
Total	15	100.0%



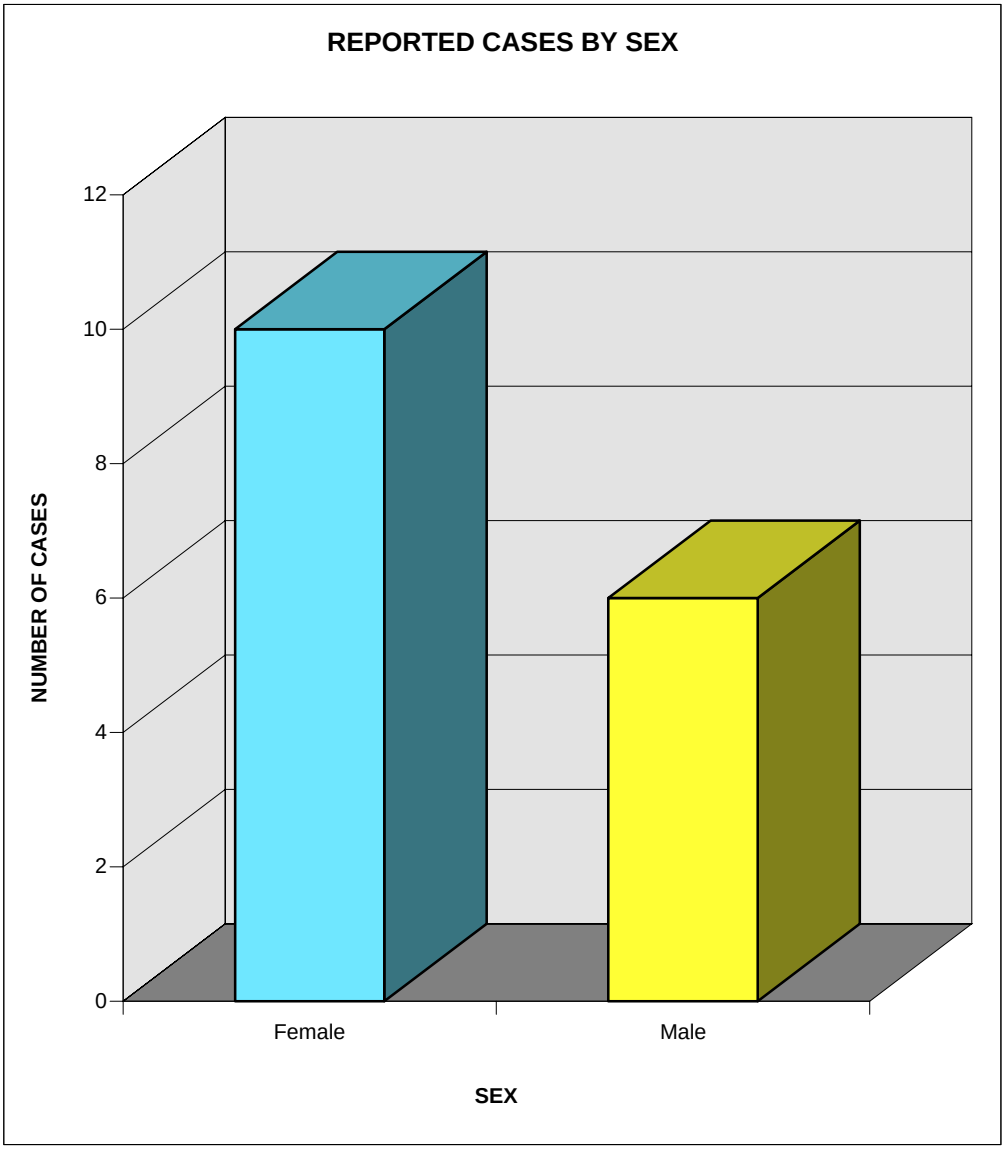
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY RACE, RAPPAHANNOCK HEALTH DISTRICT, 2006

RACE	Number of Cases	Percent of Total
Black	4	25.0%
Unknown	7	43.8%
White	5	31.3%
Total	16	100.0%



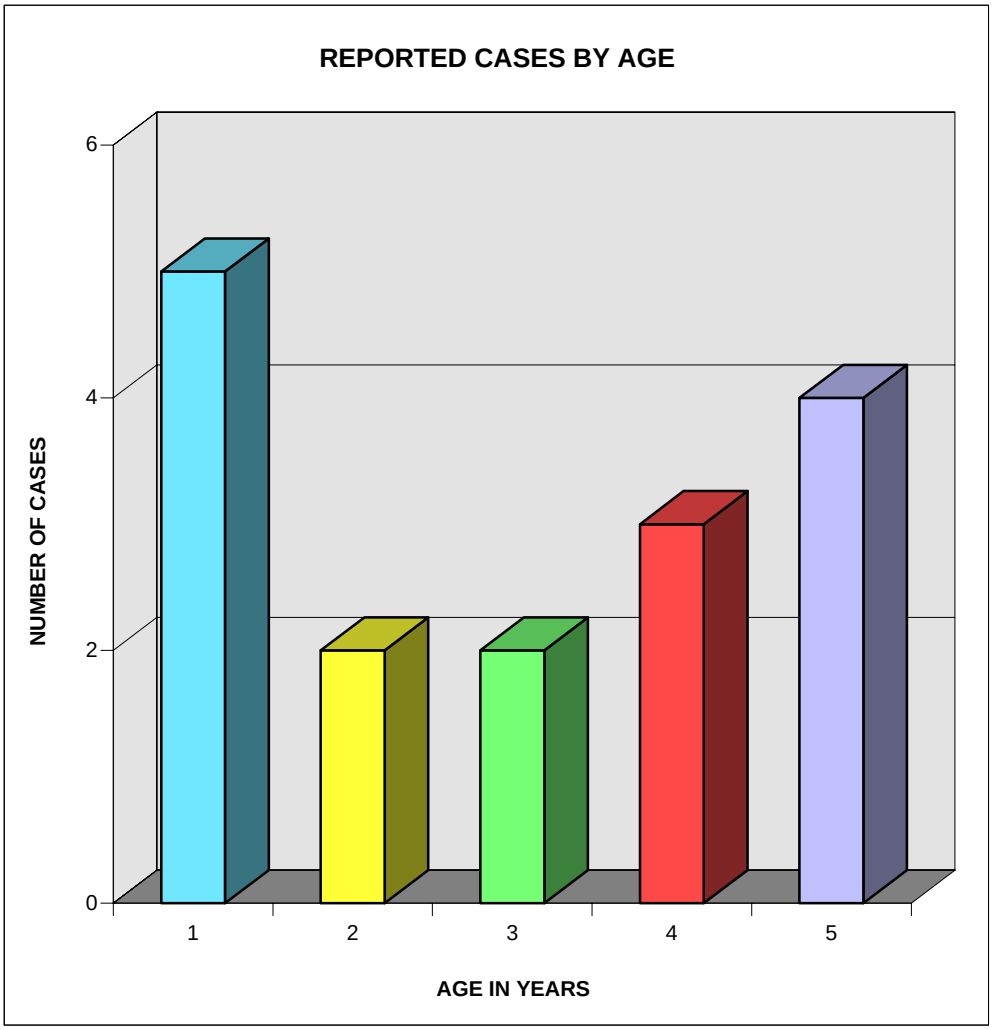
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY SEX, RAPPAHANNOCK HEALTH DISTRICT, 2006

SEX	Number of Cases	Percent of Total
Female	10	62.5%
Male	6	37.5%
Total	16	100.0%



REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY AGE, RAPPAHANNOCK HEALTH DISTRICT, 2006

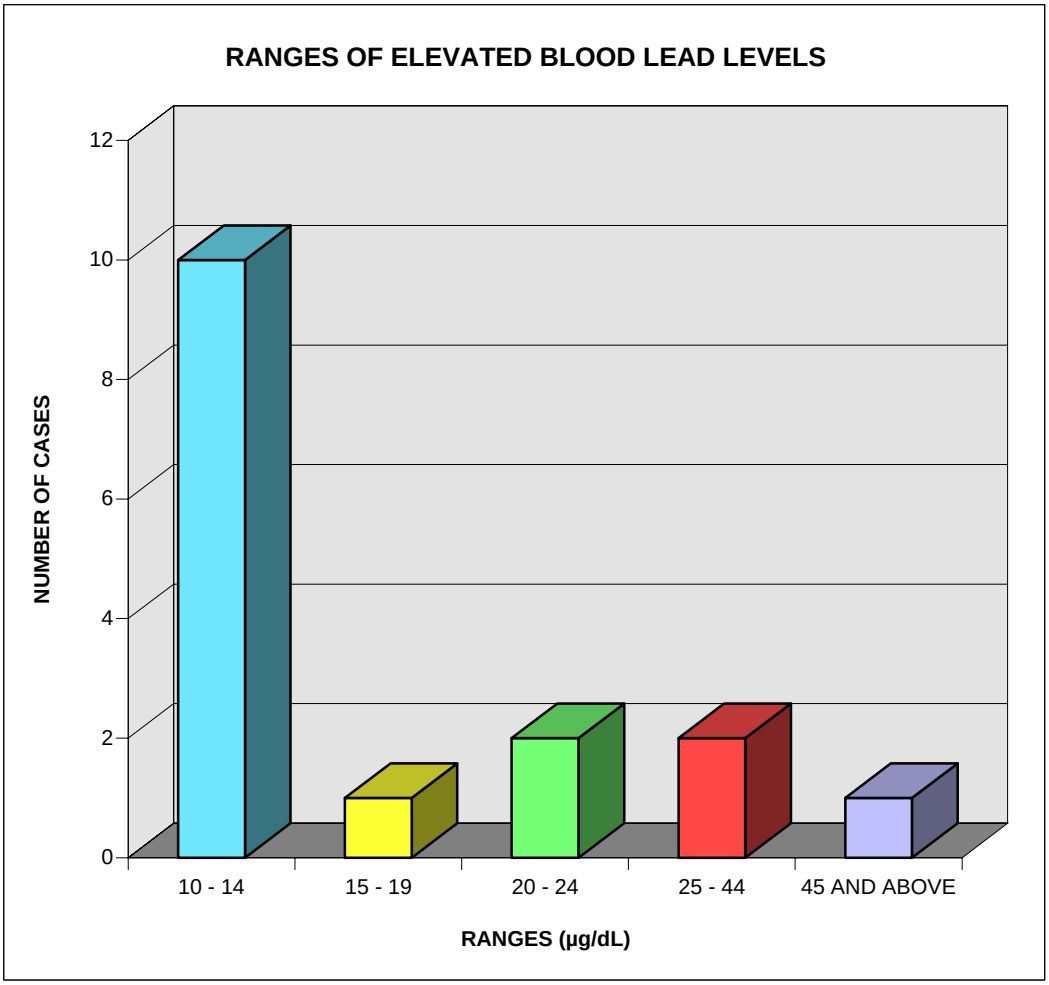
AGE IN YEARS	Number of Cases	Percent of Total
1	5	31.3%
2	2	12.5%
3	2	12.5%
4	3	18.8%
5	4	25.0%
Total	16	100.0%



REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY RANGE OF ELEVATION, RAPPAHANNOCK HEALTH DISTRICT, 2006

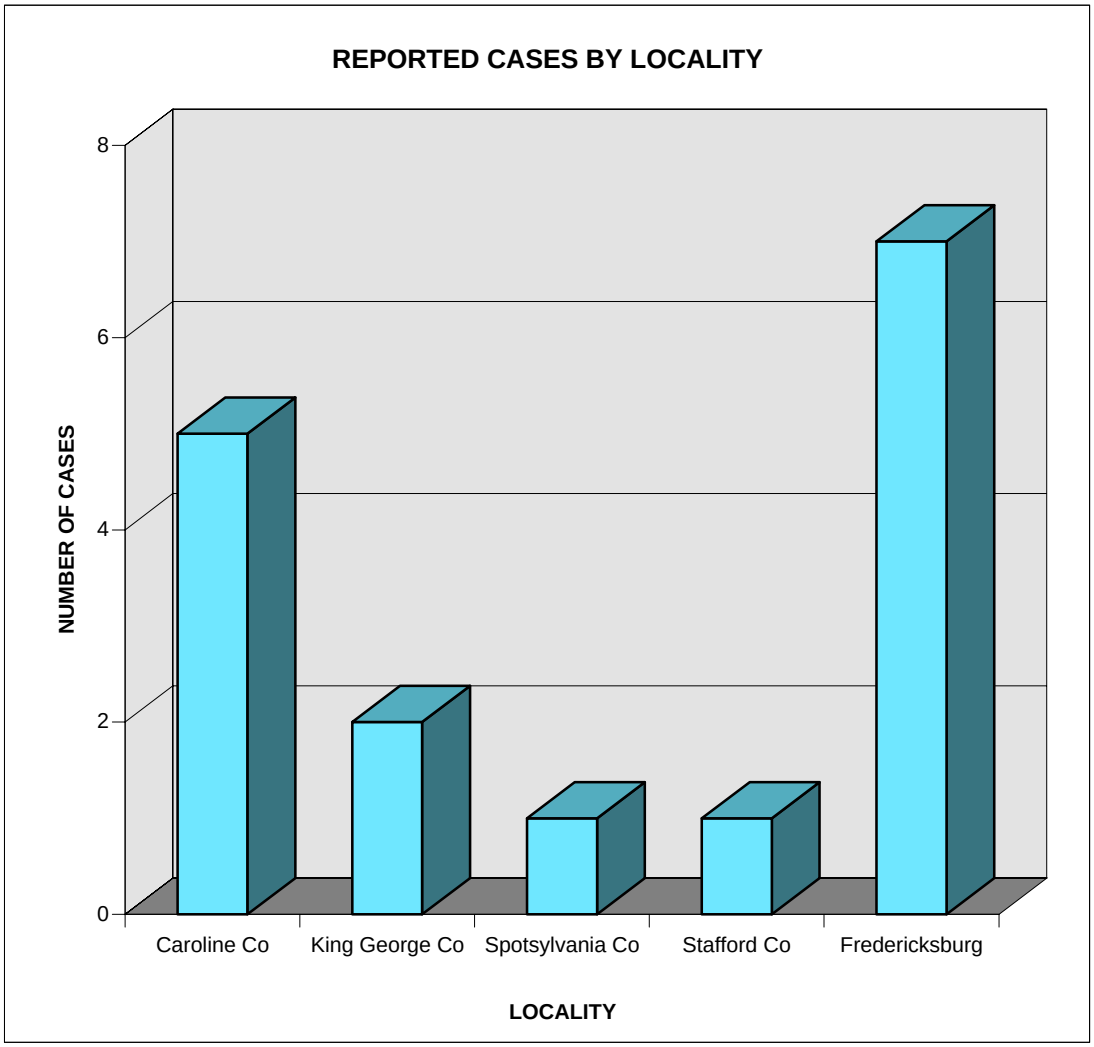
RANGES (µg/dL)*	Number of Cases	Percent of Total
10 - 14	10	62.5%
15 - 19	1	6.3%
20 - 24	2	12.5%
25 - 44	2	12.5%
45 AND ABOVE	1	6.3%
Total	16	100.0%

*Ranges reported in micrograms per deciliter (µg/dL)



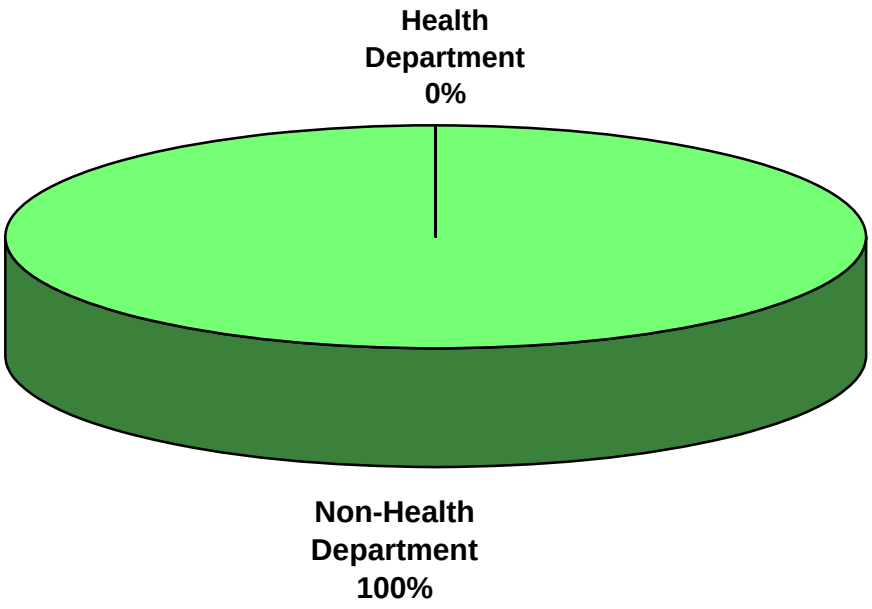
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY LOCALITY, RAPPAHANNOCK HEALTH DISTRICT, 2006

LOCALITY	Number of Cases	Percent of Total
Caroline Co	5	31.3%
King George Co	2	12.5%
Spotsylvania Co	1	6.3%
Stafford Co	1	6.3%
Fredericksburg	7	43.8%
Total	16	100.0%



REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY PATIENT STATUS, RAPPAHANNOCK HEALTH DISTRICT, 2006

PATIENT STATUS	Number of Cases	Percent of Total
Health Department	0	0.0%
Non-Health Department	16	100.0%
Total	16	100.0%



REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY RACE, RAPPAHANNOCK/RAPIDAN HEALTH DISTRICT, 2006

RACE	Number of Cases	Percent of Total
Black	3	37.5%
Hispanic	2	25.0%
White	3	37.5%
Total	8	100.0%

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY SEX, RAPPAHANNOCK/RAPIDAN HEALTH DISTRICT, 2006

SEX	Number of Cases	Percent of Total
Female	3	37.5%
Male	5	62.5%
Total	8	100.0%

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY AGE, RAPPAHANNOCK/RAPIDAN HEALTH DISTRICT, 2006

AGE IN YEARS	Number of Cases	Percent of Total
1	3	37.5%
2	2	25.0%
4	2	25.0%
5	1	12.5%
Total	8	100.0%

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS BY RANGE OF ELEVATION, RAPPAHANNOCK/RAPIDAN HEALTH DISTRICT, 2006

RANGES (µg/dL)*	Number of Cases	Percent of Total
10 - 14	5	62.5%
15 - 19	0	0.0%
20 - 24	0	0.0%
25 - 44	3	37.5%
45 and above	0	0.0%
Total	8	100.0%

*Ranges reported in micrograms per deciliter (µg/dL)

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS BY LOCALITY, RAPPAHANNOCK/RAPIDAN HEALTH DISTRICT, 2006

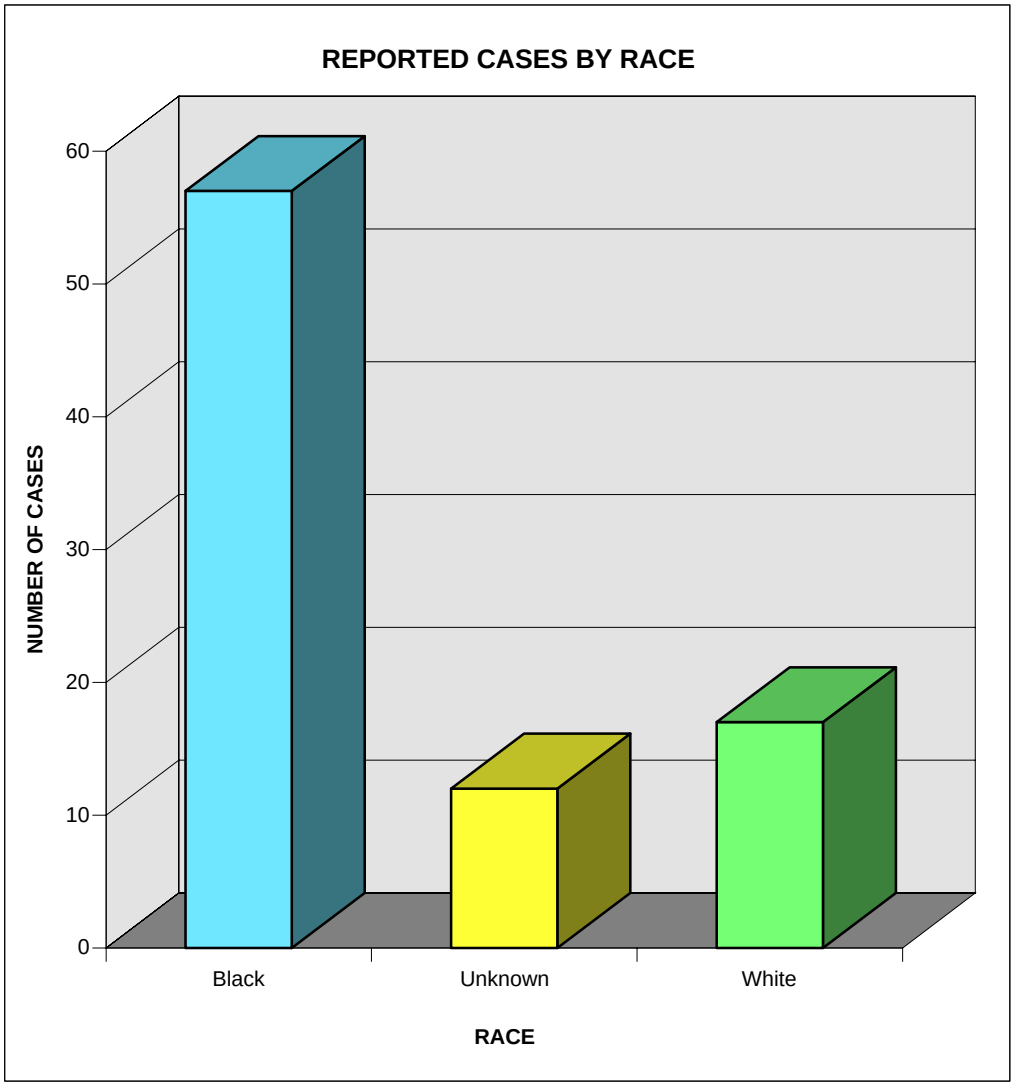
LOCALITY	Number of Cases	Percent of Total
Culpeper Co	1	12.5%
Fauquier Co	4	50.0%
Madison Co	0	0.0%
Orange Co	3	37.5%
Rappahannock Co	0	0.0%
Total	8	100.0%

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS BY PATIENT STATUS, RAPPAHANNOCK/RAPIDAN HEALTH DISTRICT, 2006

PATIENT STATUS	Number of Cases	Percent of Total
Health Department	0	0.0%
Non-Health Department	8	100.0%
Total	8	100.0%

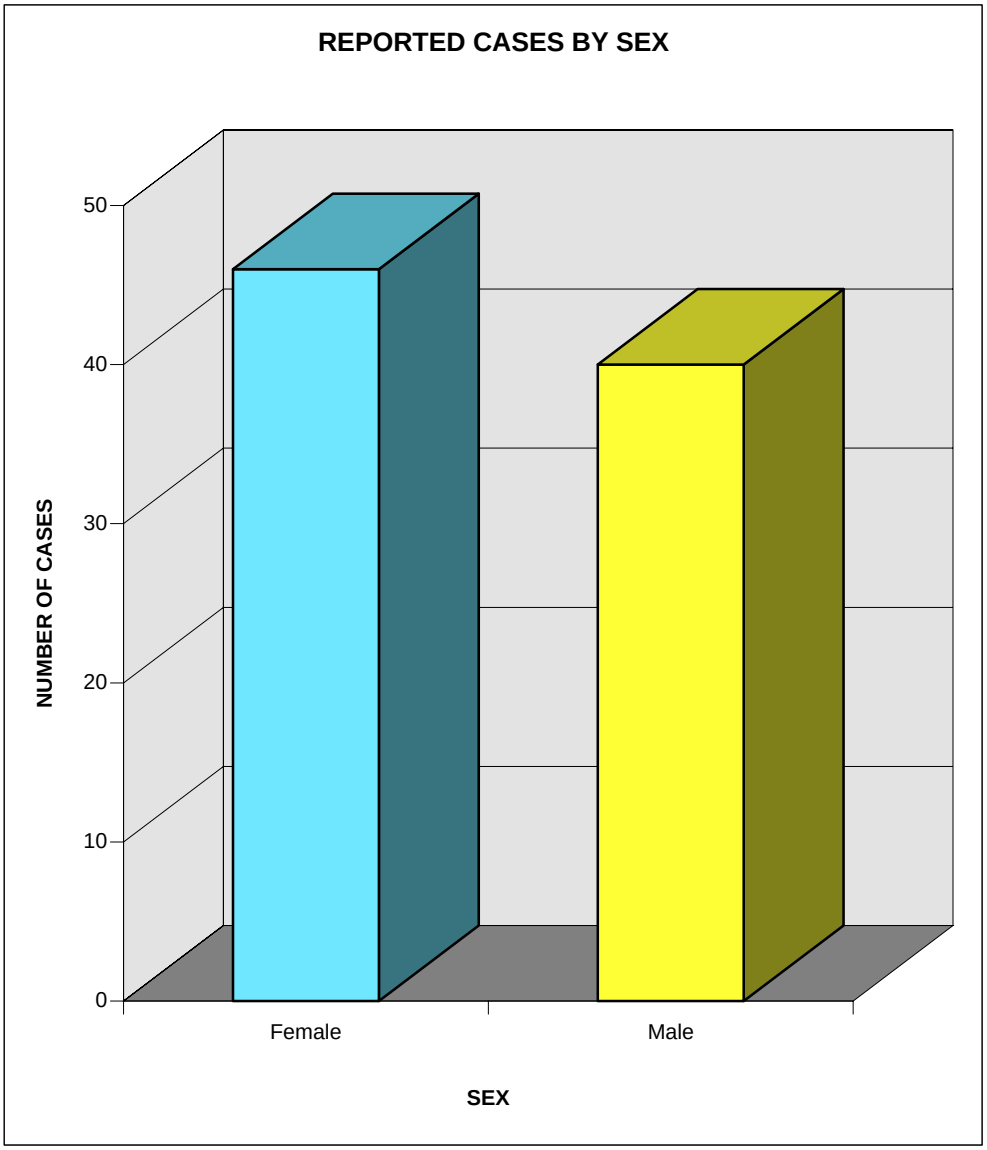
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY RACE, RICHMOND CITY HEALTH DISTRICT, 2006

RACE	Number of Cases	Percent of Total
Black	57	66.3%
Unknown	12	14.0%
White	17	19.8%
Total	86	100.0%



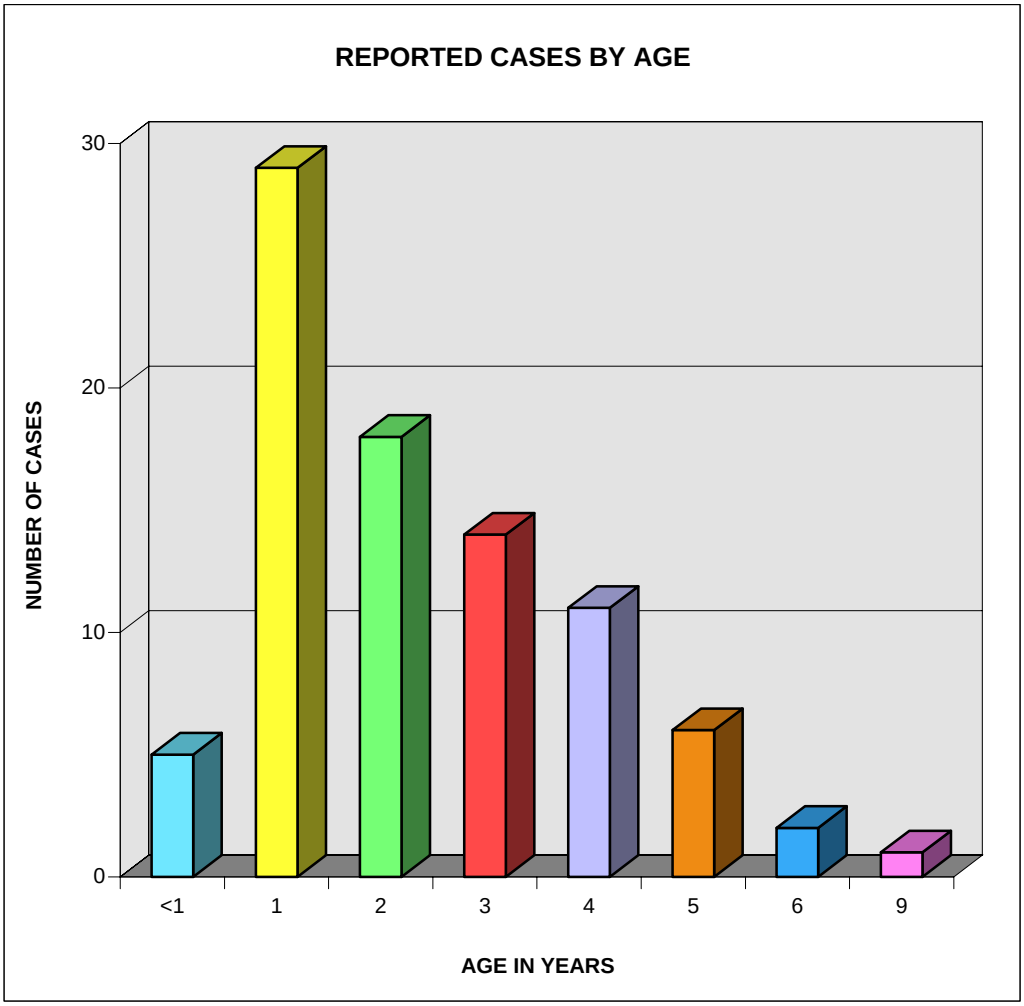
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY SEX, RICHMOND CITY HEALTH DISTRICT, 2006

SEX	Number of Cases	Percent of Total
Female	46	53.5%
Male	40	46.5%
Total	86	100.0%



REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY AGE, RICHMOND CITY HEALTH DISTRICT, 2006

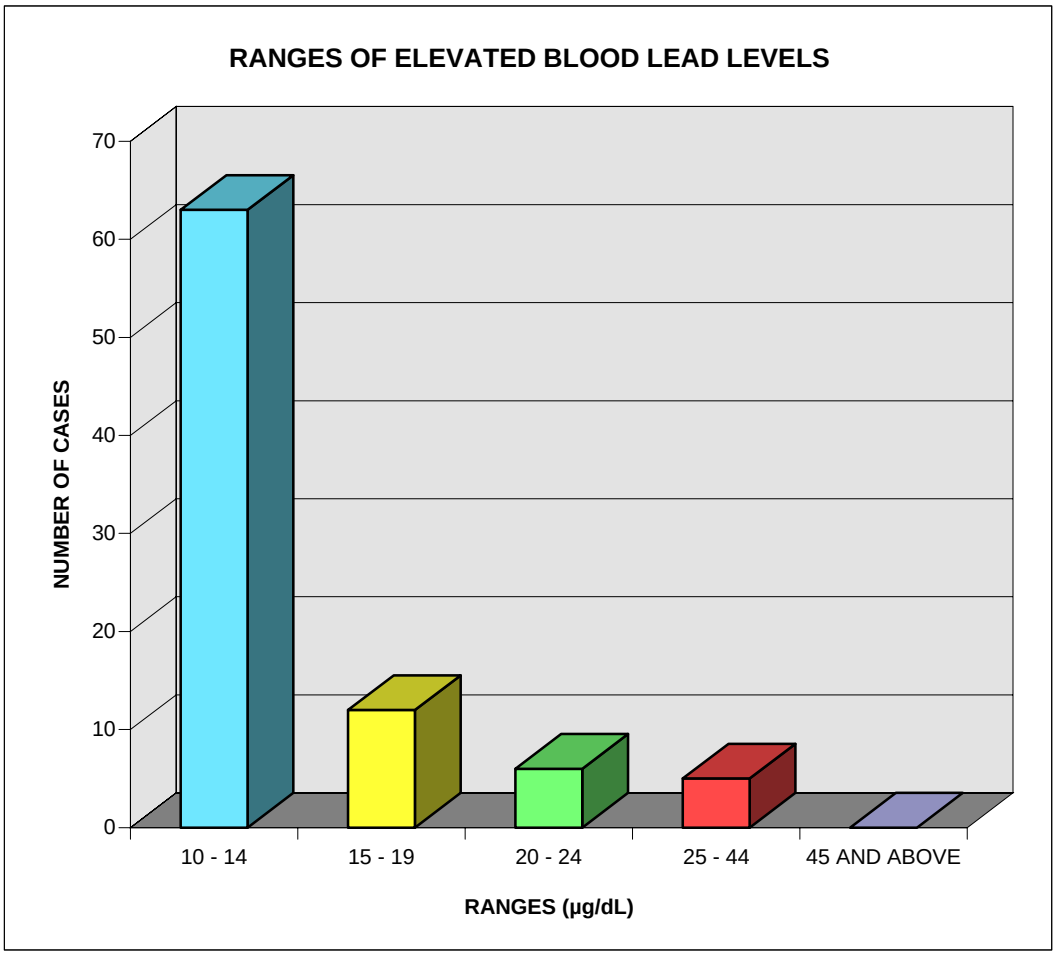
AGE IN YEARS	Number of Cases	Percent of Total
<1	5	5.8%
1	29	33.7%
2	18	20.9%
3	14	16.3%
4	11	12.8%
5	6	7.0%
6	2	2.3%
9	1	1.2%
Total	86	100.0%



REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY RANGE OF ELEVATION, RICHMOND CITY HEALTH DISTRICT, 2006

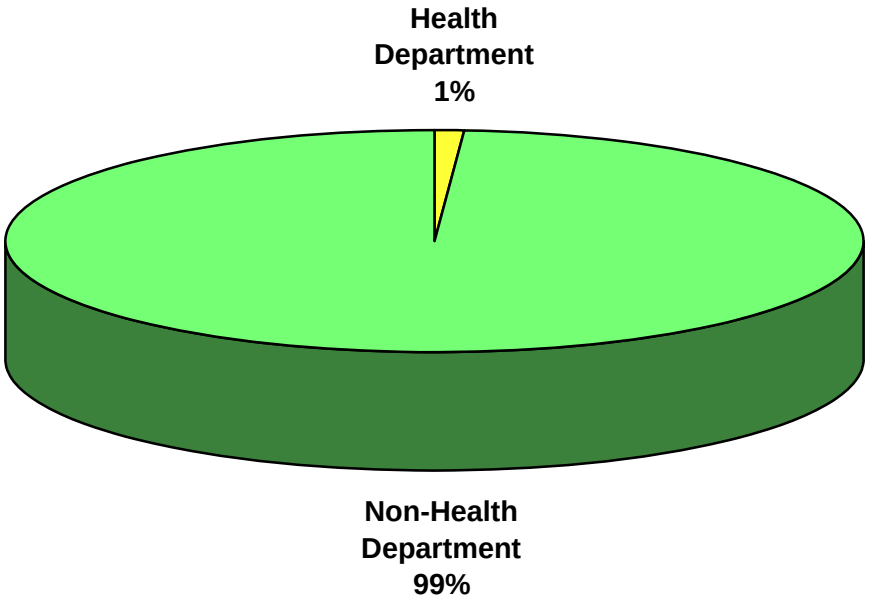
RANGES (µg/dL)*	Number of Cases	Percent of Total
10 - 14	63	73.3%
15 - 19	12	14.0%
20 - 24	6	7.0%
25 - 44	5	5.8%
45 AND ABOVE	0	0.0%
Total	86	100.0%

*Ranges reported in micrograms per deciliter (µg/dL)



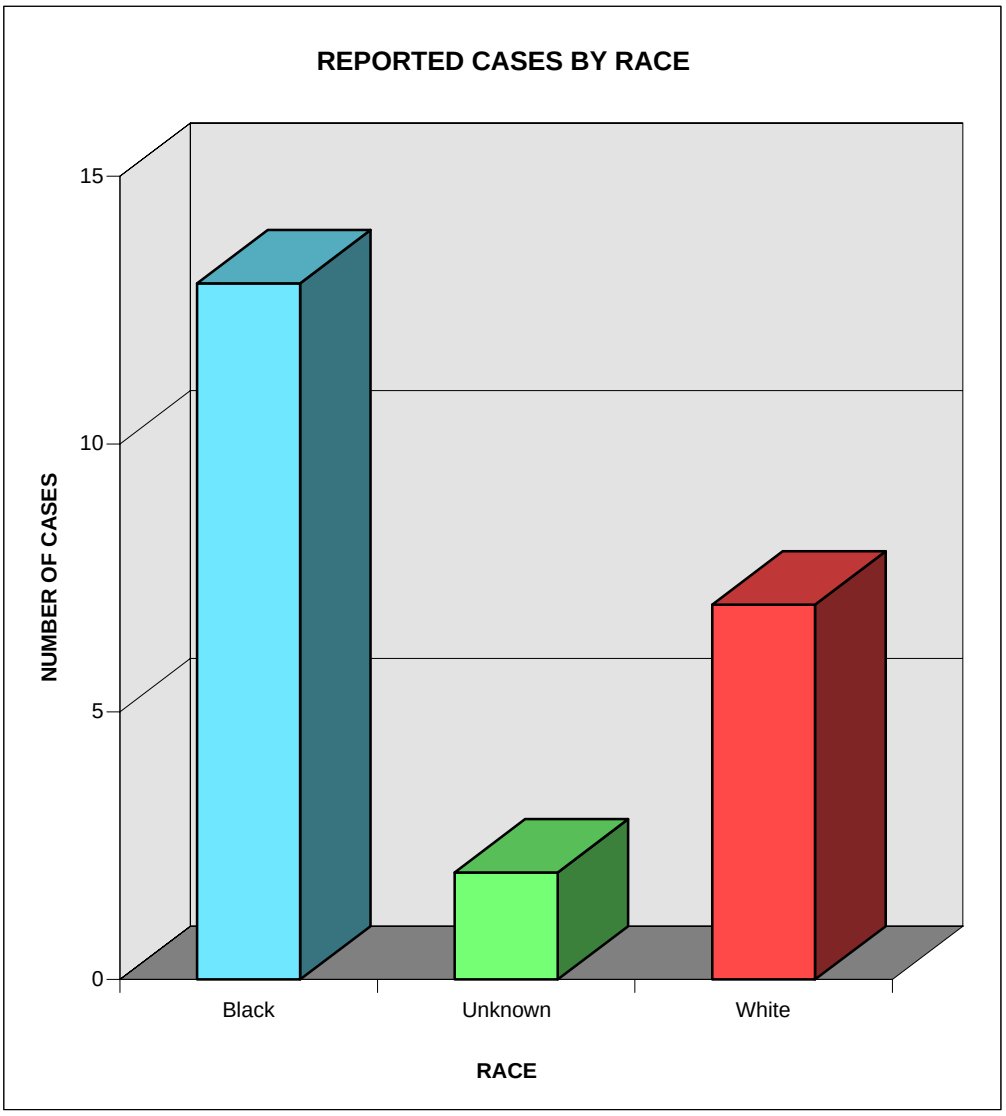
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY PATIENT STATUS, RICHMOND CITY HEALTH DISTRICT, 2006

PATIENT STATUS	Number of Cases	Percent of Total
Health Department	1	1.2%
Non-Health Department	85	98.8%
Total	86	100.0%



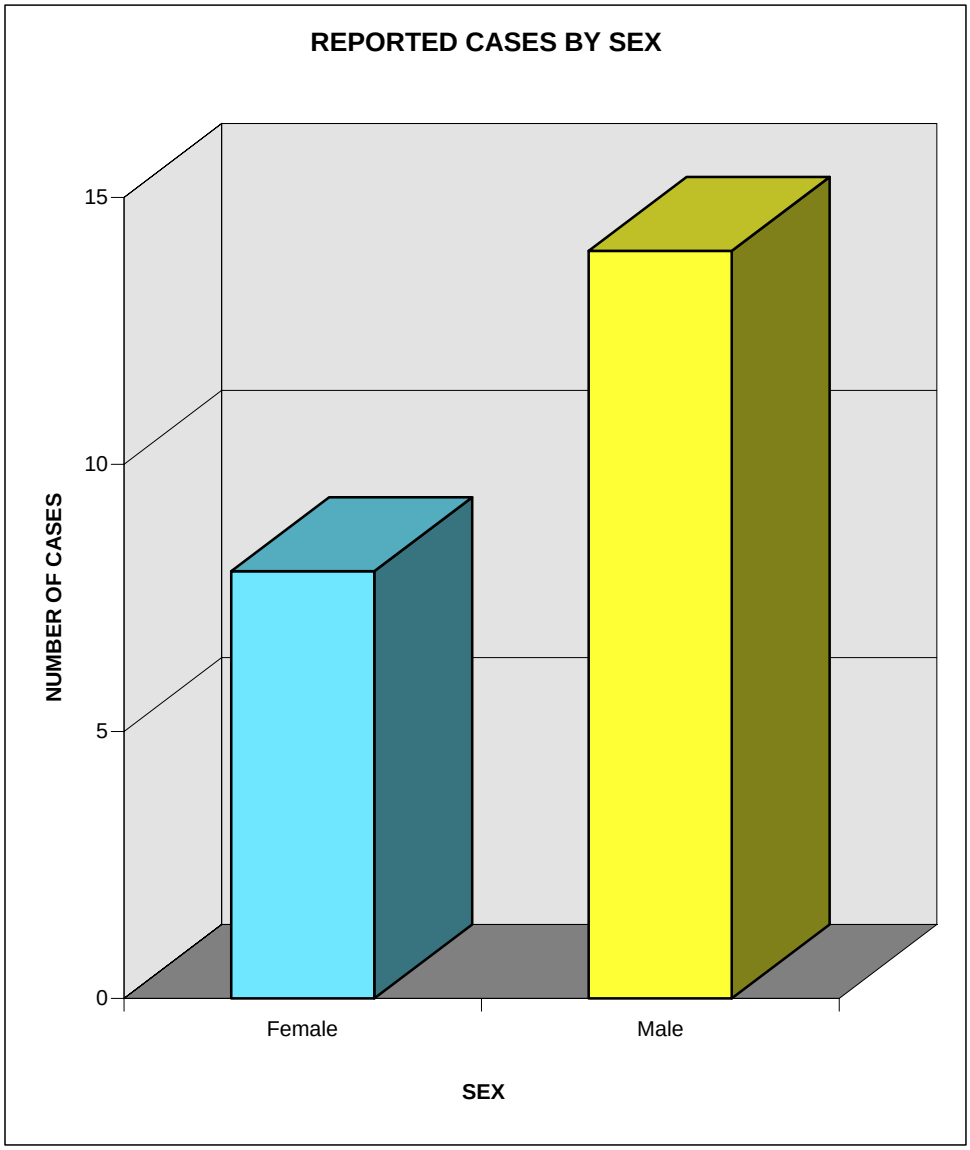
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY RACE, ROANOKE CITY HEALTH DISTRICT, 2006

RACE	Number of Cases	Percent of Total
Black	13	59.1%
Unknown	2	9.1%
White	7	31.8%
Total	22	100.0%



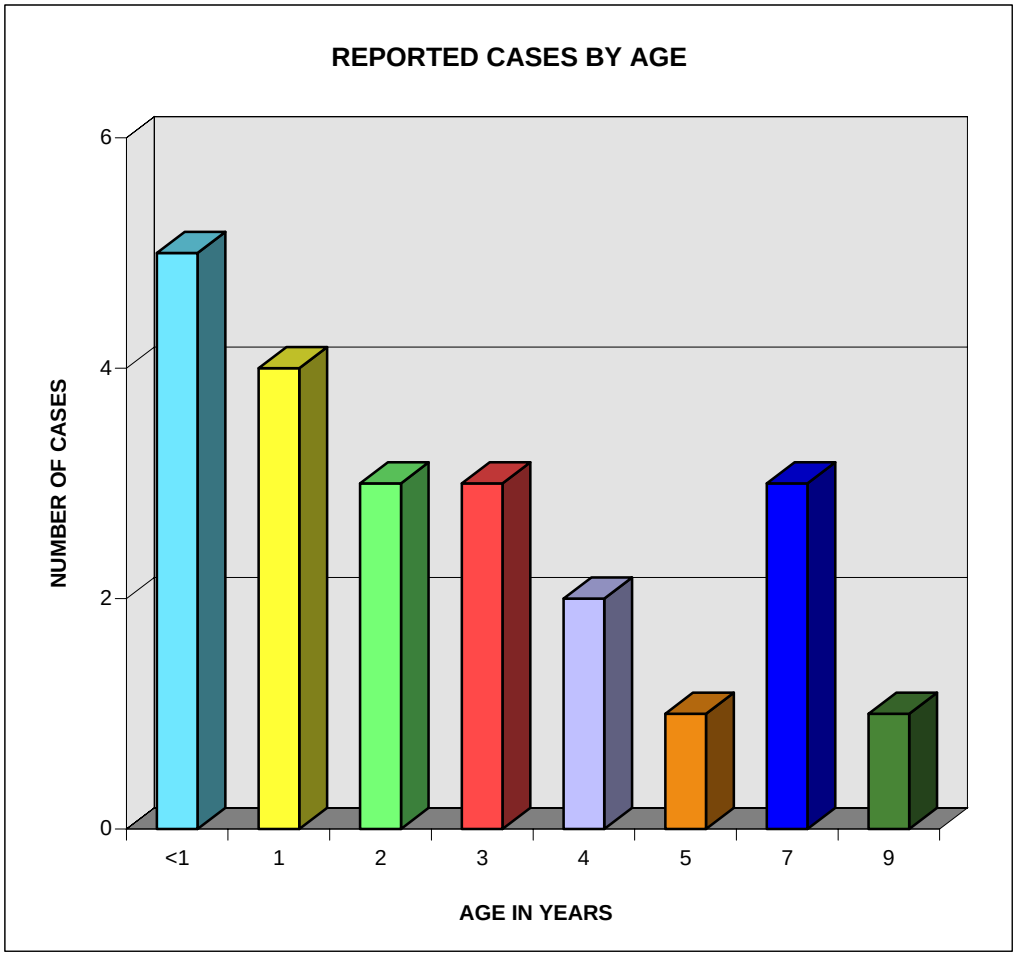
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY SEX, ROANOKE CITY HEALTH DISTRICT, 2006

SEX	Number of Cases	Percent of Total
Female	8	36.4%
Male	14	63.6%
Total	22	100.0%



REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY AGE, ROANOKE CITY HEALTH DISTRICT, 2006

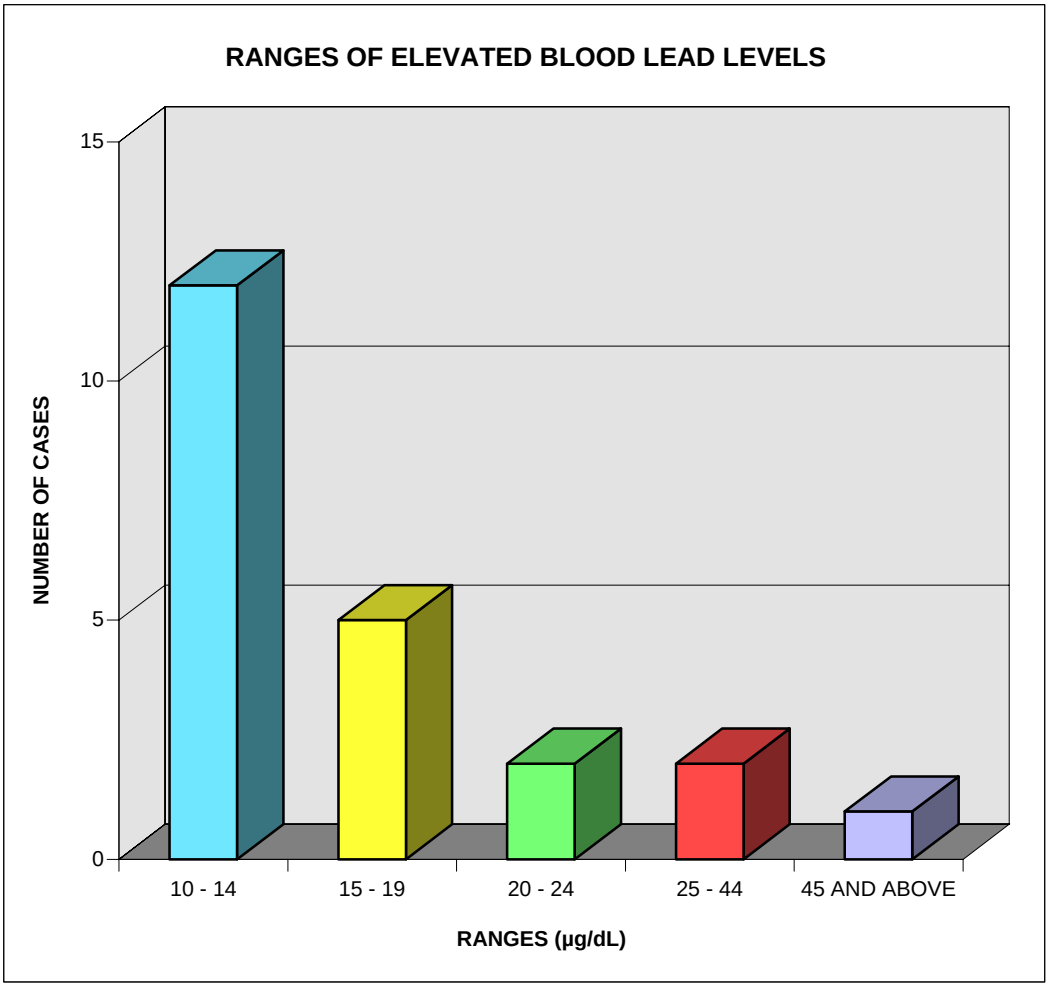
AGE IN YEARS	Number of Cases	Percent of Total
<1	5	22.7%
1	4	18.2%
2	3	13.6%
3	3	13.6%
4	2	9.1%
5	1	4.5%
7	3	13.6%
9	1	4.5%
Total	22	100.0%



REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY RANGE OF ELEVATION, ROANOKE CITY HEALTH DISTRICT, 2006

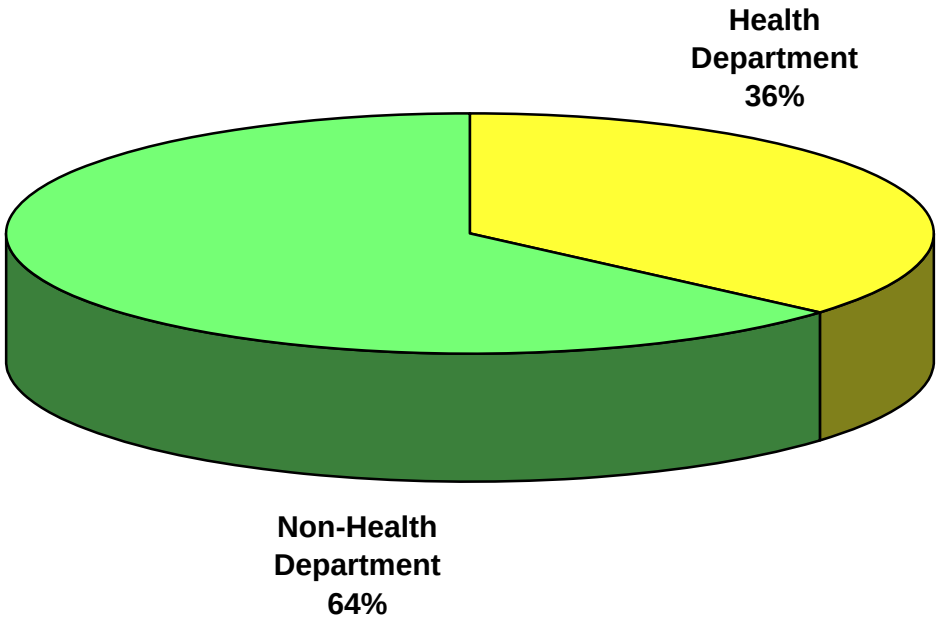
RANGES (µg/dL)*	Number of Cases	Percent of Total
10 - 14	12	54.5%
15 - 19	5	22.7%
20 - 24	2	9.1%
25 - 44	2	9.1%
45 AND ABOVE	1	4.5%
Total	22	100.0%

*Ranges reported in micrograms per deciliter (µg/dL)



REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY PATIENT STATUS, ROANOKE CITY HEALTH DISTRICT, 2006

PATIENT STATUS	Number of Cases	Percent of Total
Health Department	8	36.4%
Non-Health Department	14	63.6%
Total	22	100.0%



REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY RACE, SOUTHSIDE HEALTH DISTRICT, 2006

RACE	Number of Cases	Percent of Total
Black	6	66.7%
White	3	33.3%
Total	9	100.0%

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY SEX, SOUTHSIDE HEALTH DISTRICT, 2006

SEX	Number of Cases	Percent of Total
Female	4	44.4%
Male	5	55.6%
Total	9	100.0%

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY AGE, SOUTHSIDE HEALTH DISTRICT, 2006

AGE IN YEARS	Number of Cases	Percent of Total
2	4	44.4%
3	3	33.3%
4	2	22.2%
Total	9	100.0%

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS BY RANGE OF ELEVATION, SOUTHSIDE HEALTH DISTRICT, 2006

RANGES (µg/dL)*	Number of Cases	Percent of Total
10 - 14	4	44.4%
15 - 19	2	22.2%
20 - 24	1	11.1%
25 - 44	2	22.2%
45 AND ABOVE	0	0.0%
Total	9	100.0%

*Ranges reported in micrograms per deciliter (µg/dL)

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS BY LOCALITY, SOUTHSIDE HEALTH DISTRICT, 2006

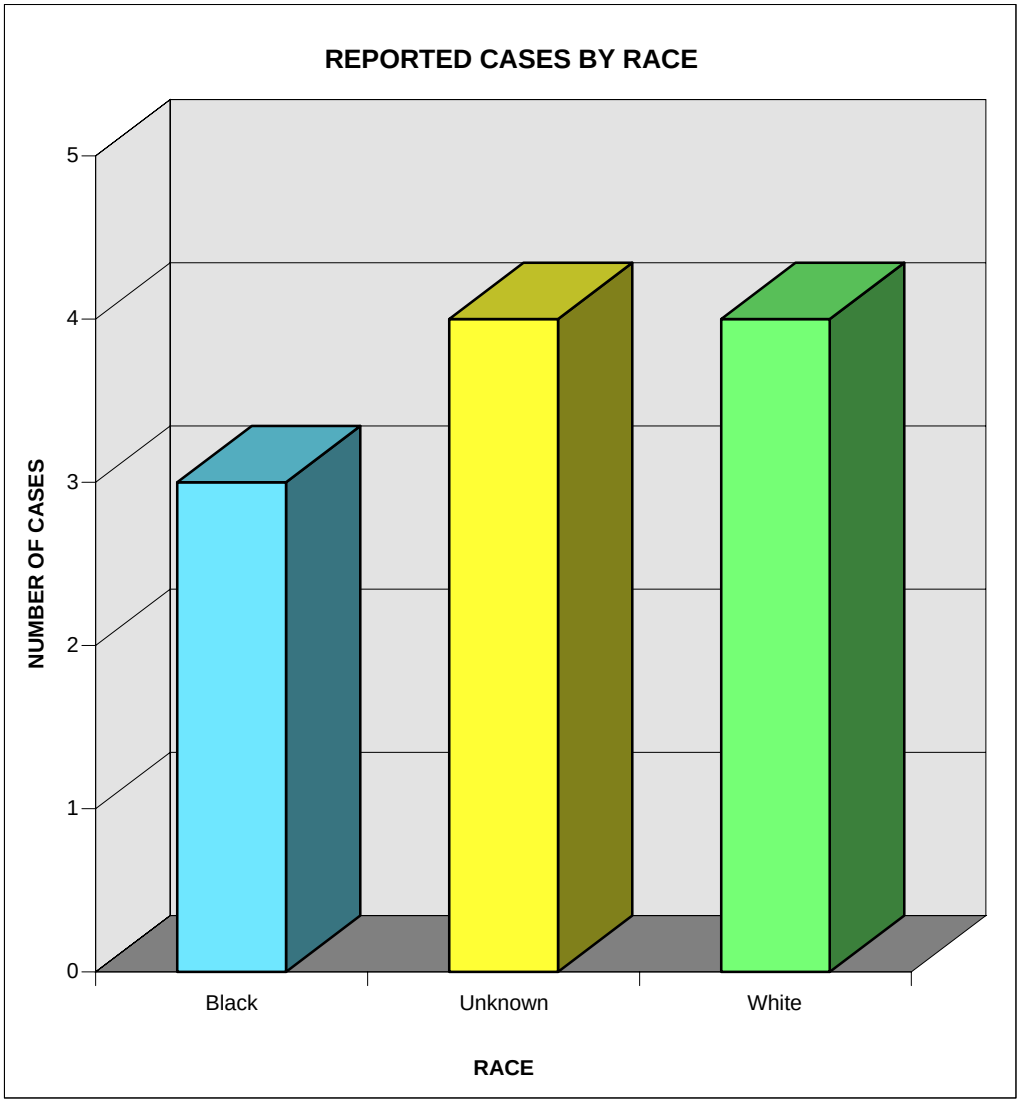
LOCALITY	Number of Cases	Percent of Total
Brunswick Co	1	11.1%
Halifax Co	0	0.0%
Mecklenburg Co	8	88.9%
Total	9	100.0%

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS BY PATIENT STATUS, SOUTHSIDE HEALTH DISTRICT, 2006

PATIENT STATUS	Number of Cases	Percent of Total
Health Department	0	0.0%
Non-Health Department	9	100.0%
Total	9	100.0%

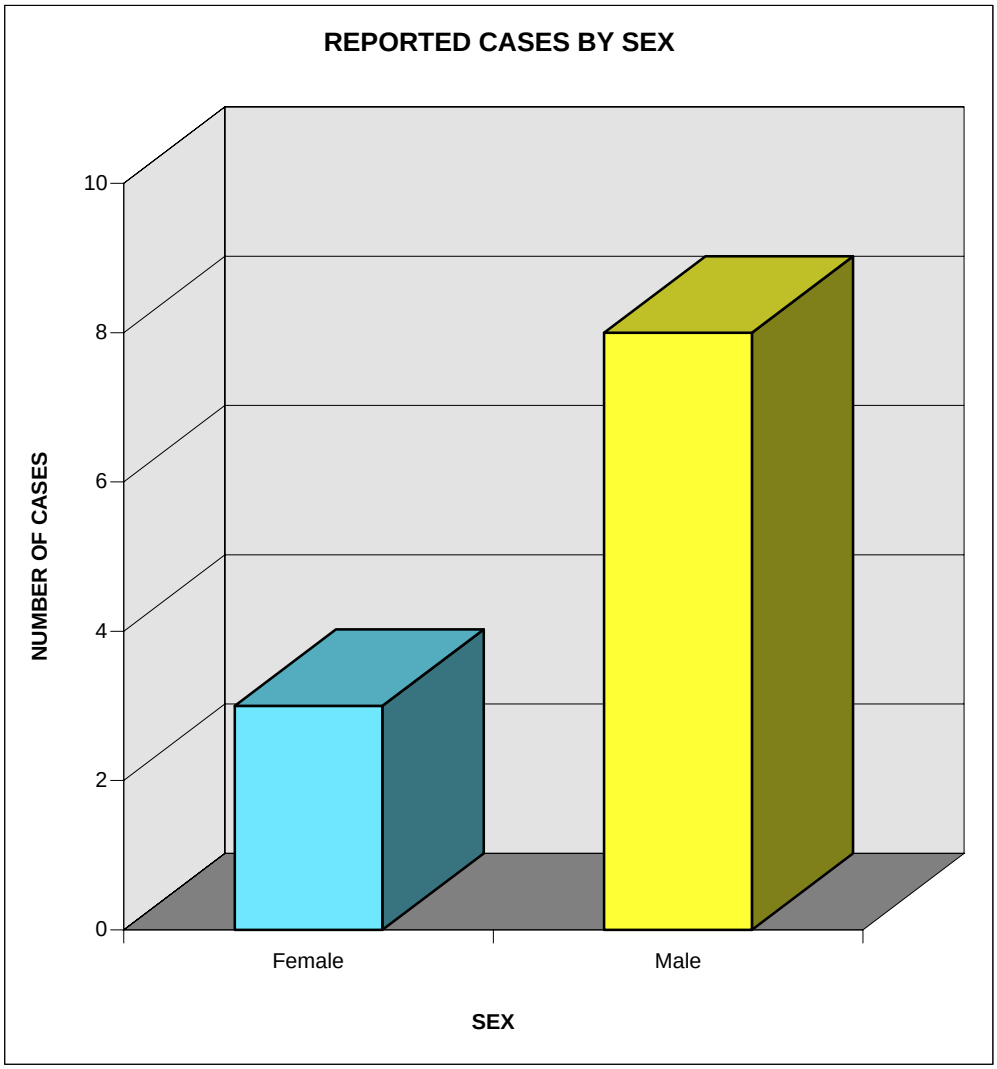
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY RACE, THOMAS JEFFERSON HEALTH DISTRICT, 2006

RACE	Number of Cases	Percent of Total
Black	3	27.3%
Unknown	4	36.4%
White	4	36.4%
Total	11	100.0%



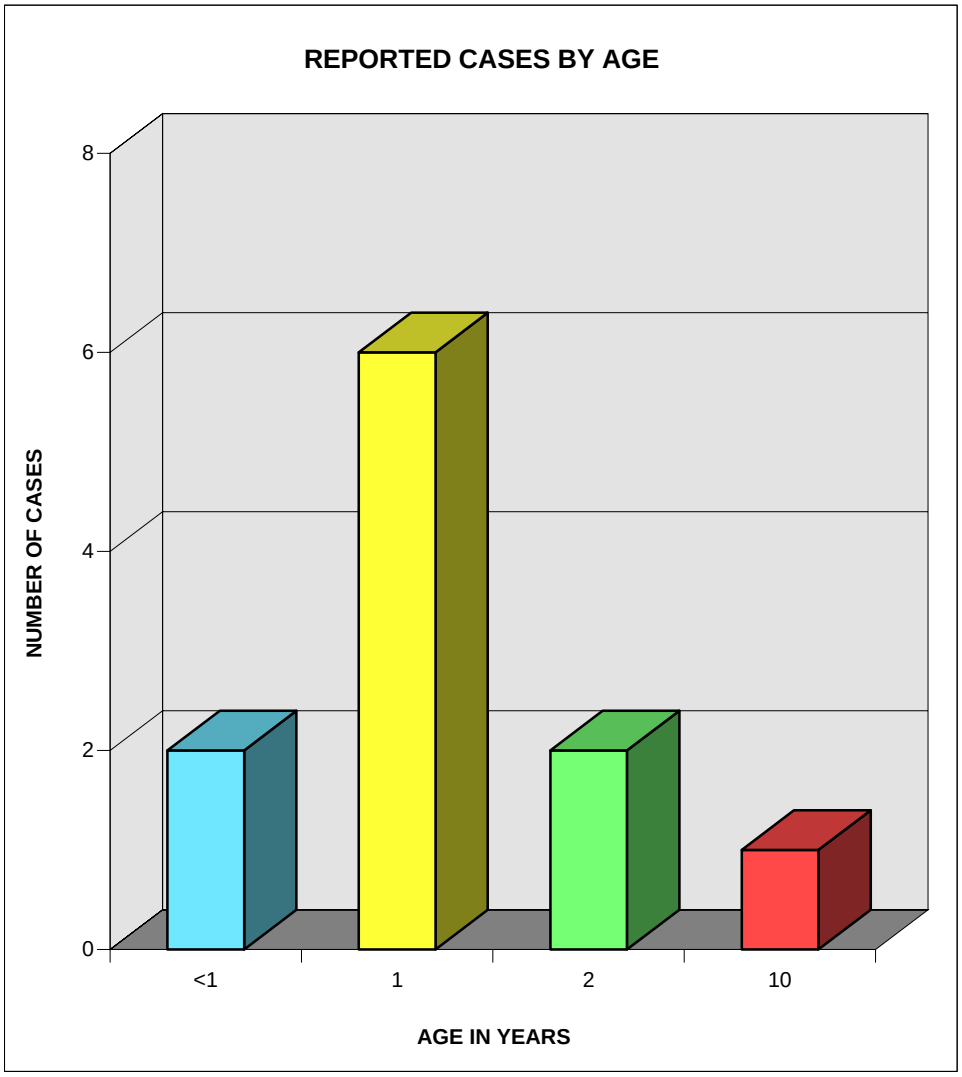
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY SEX, THOMAS JEFFERSON HEALTH DISTRICT, 2006

SEX	Number of Cases	Percent of Total
Female	3	27.3%
Male	8	72.7%
Total	11	100.0%



REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY AGE, THOMAS JEFFERSON HEALTH DISTRICT, 2006

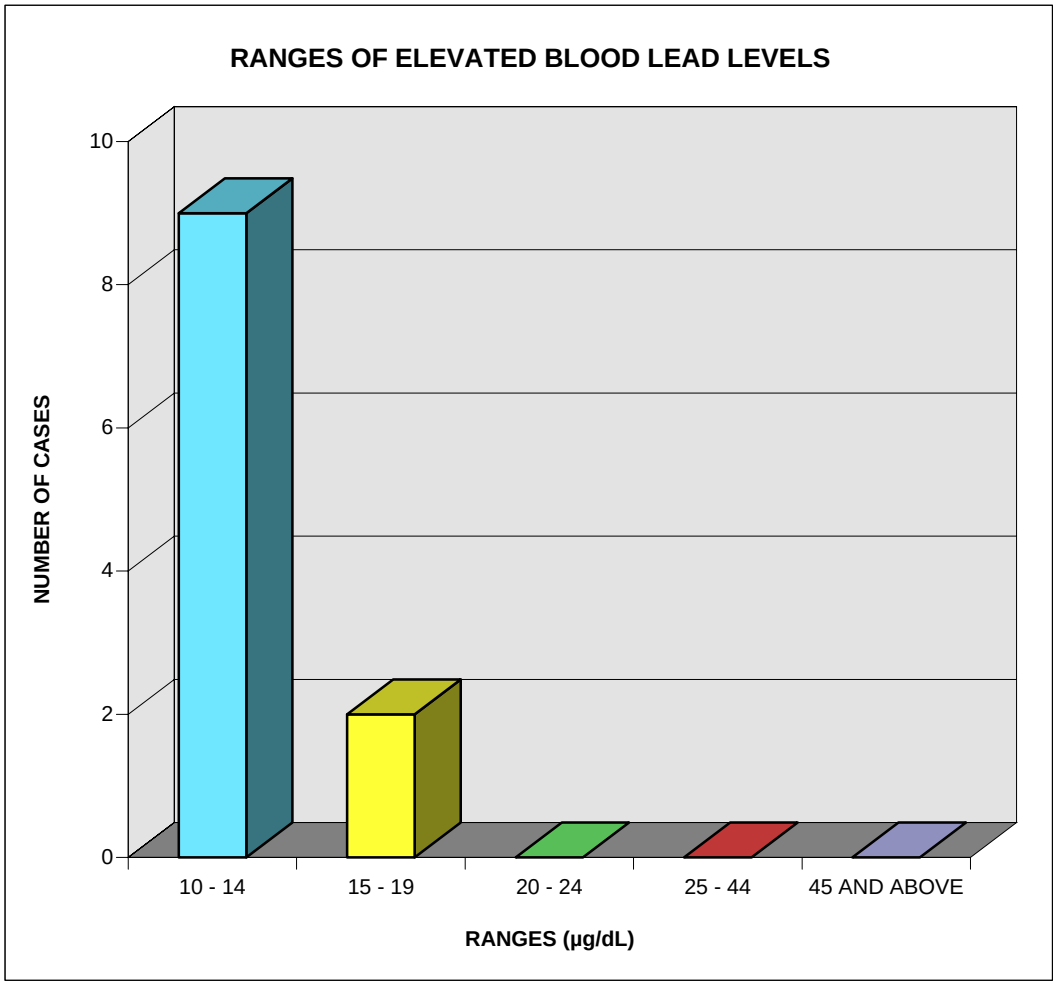
AGE IN YEARS	Number of Cases	Percent of Total
<1	2	18.2%
1	6	54.5%
2	2	18.2%
10	1	9.1%
Total	11	100.0%



REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY RANGE OF ELEVATION, THOMAS JEFFERSON HEALTH DISTRICT, 2006

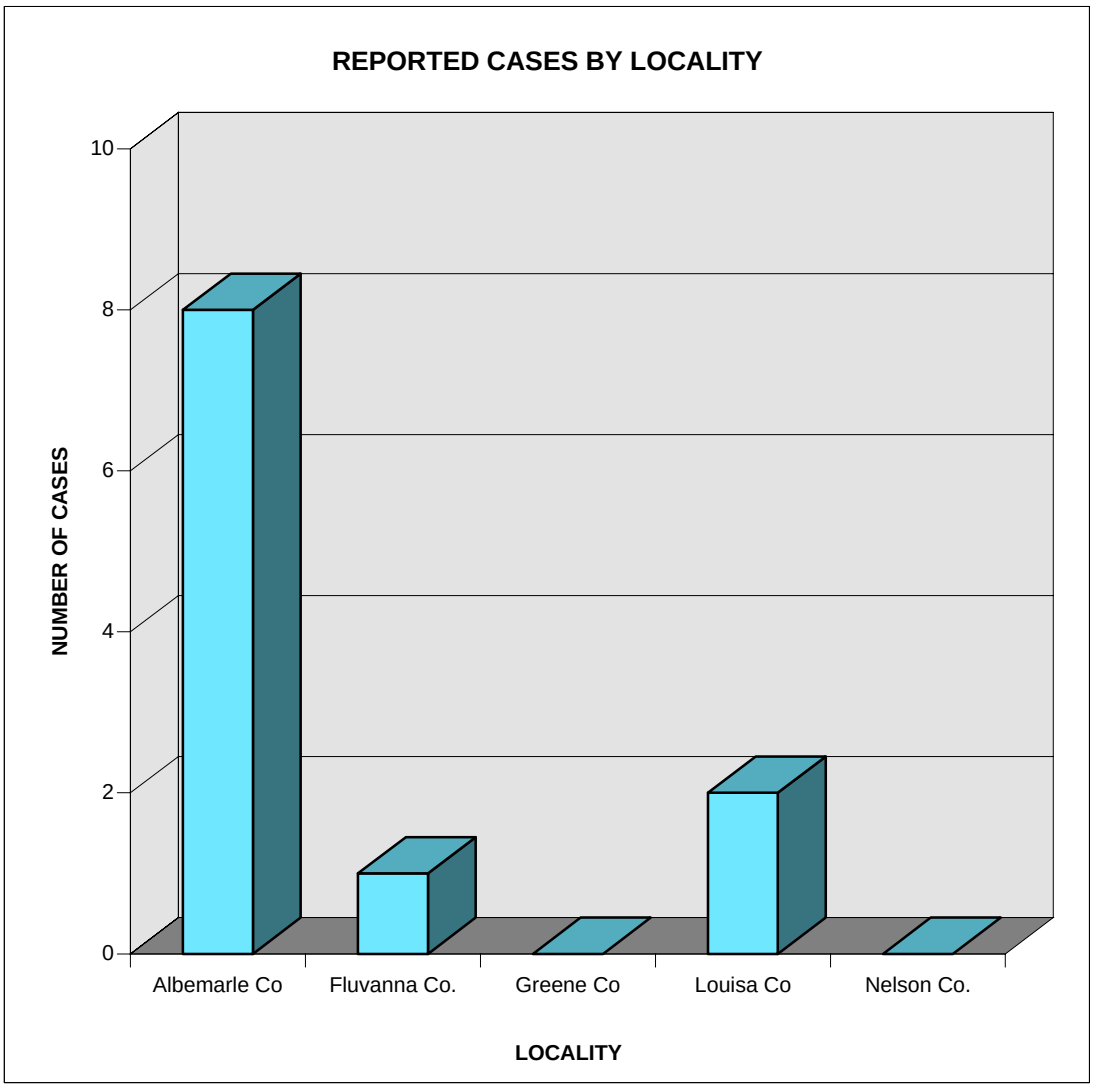
RANGES (µg/dL)*	Number of Cases	Percent of Total
10 - 14	9	81.8%
15 - 19	2	18.2%
20 - 24	0	0.0%
25 - 44	0	0.0%
45 AND ABOVE	0	0.0%
Total	11	100.0%

*Ranges reported in micrograms per deciliter (µg/dL)



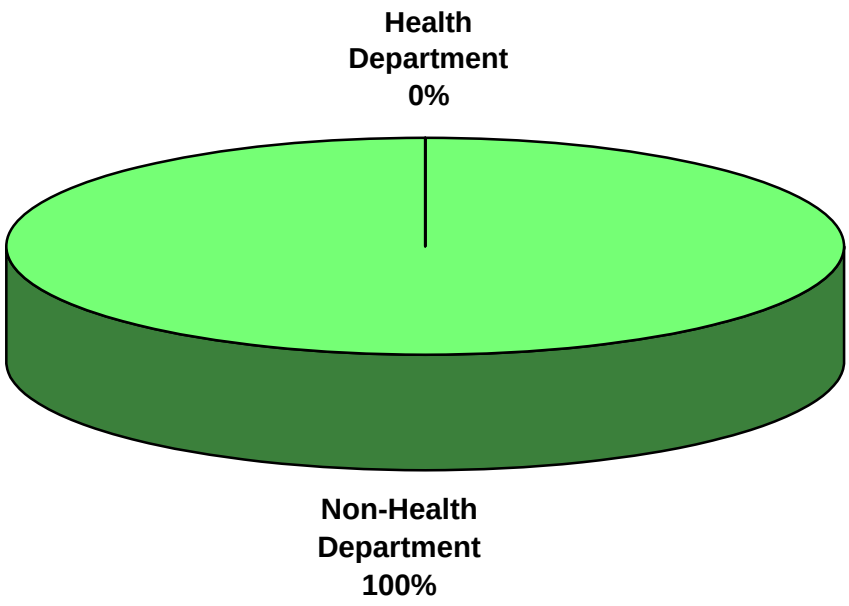
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY LOCALITY, THOMAS JEFFERSON HEALTH DISTRICT, 2006

LOCALITY	Number of Cases	Percent of Total
Albemarle Co	8	72.7%
Fluvanna Co.	1	9.1%
Greene Co	0	0.0%
Louisa Co	2	18.2%
Nelson Co.	0	0.0%
Total	11	100.0%



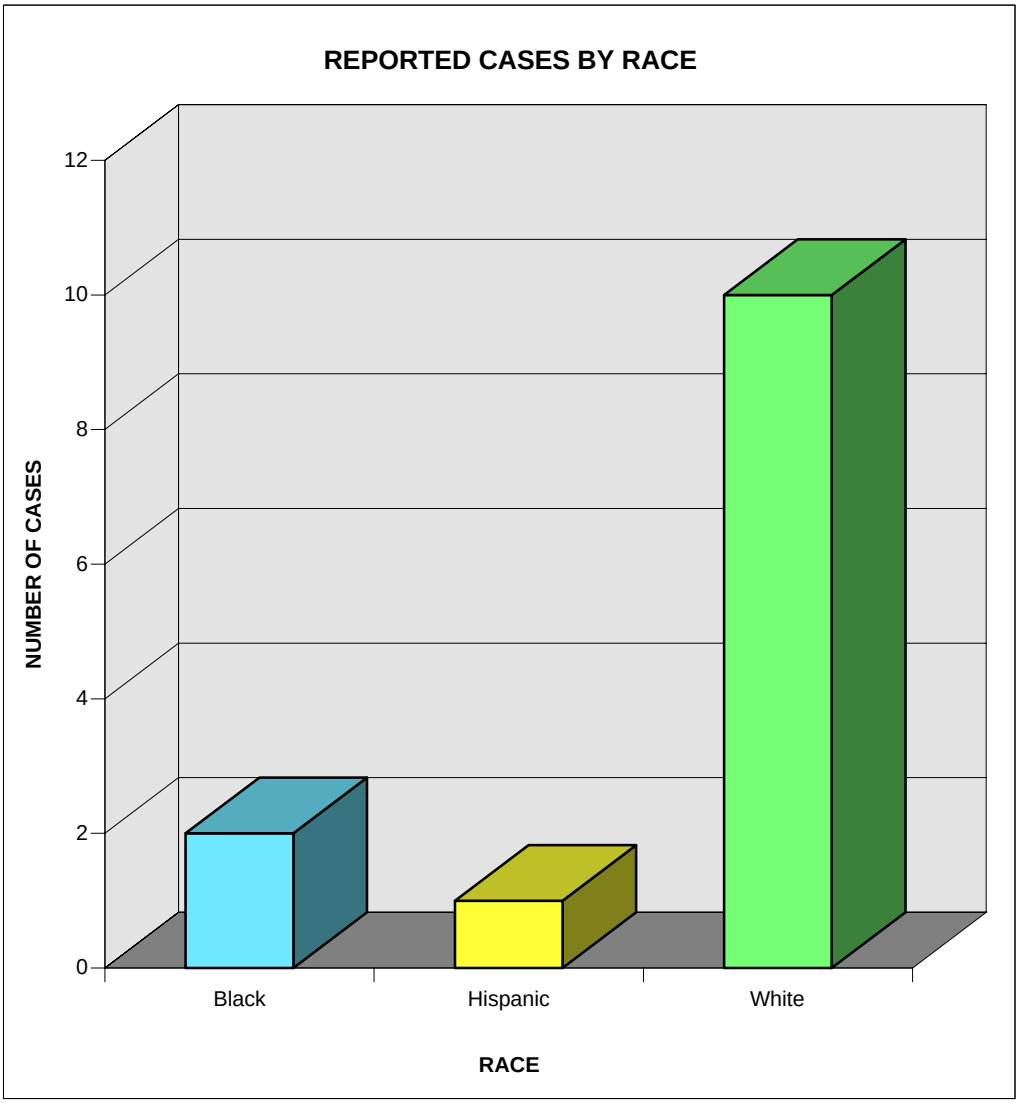
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY PATIENT STATUS, THOMAS JEFFERSON HEALTH DISTRICT, 2006

PATIENT STATUS	Number of Cases	Percent of Total
Health Department	0	0.0%
Non-Health Department	11	100.0%
Total	11	100.0%



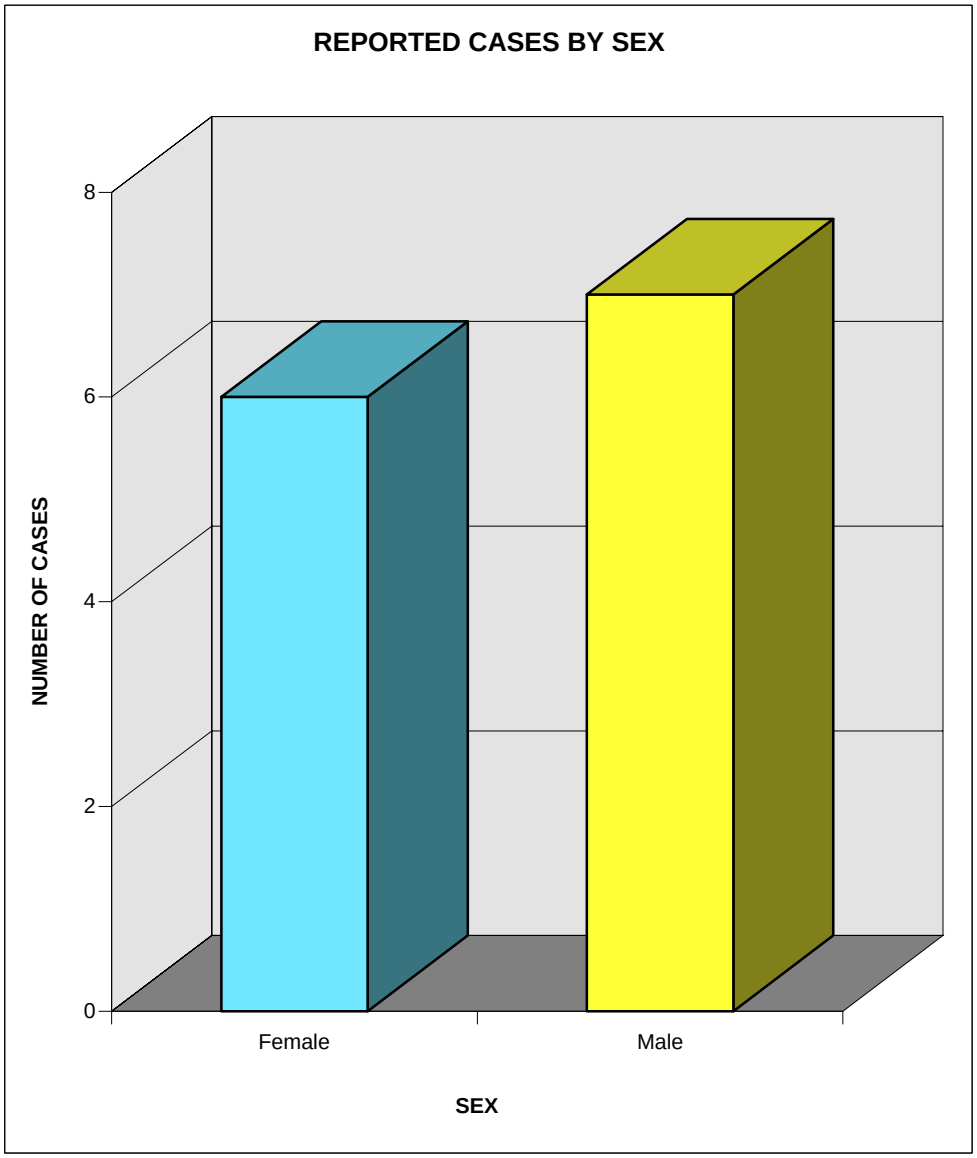
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY RACE, THREE RIVERS HEALTH DISTRICT, 2006

RACE	Number of Cases	Percent of Total
Black	2	15.4%
Hispanic	1	7.7%
White	10	76.9%
Total	13	100.0%



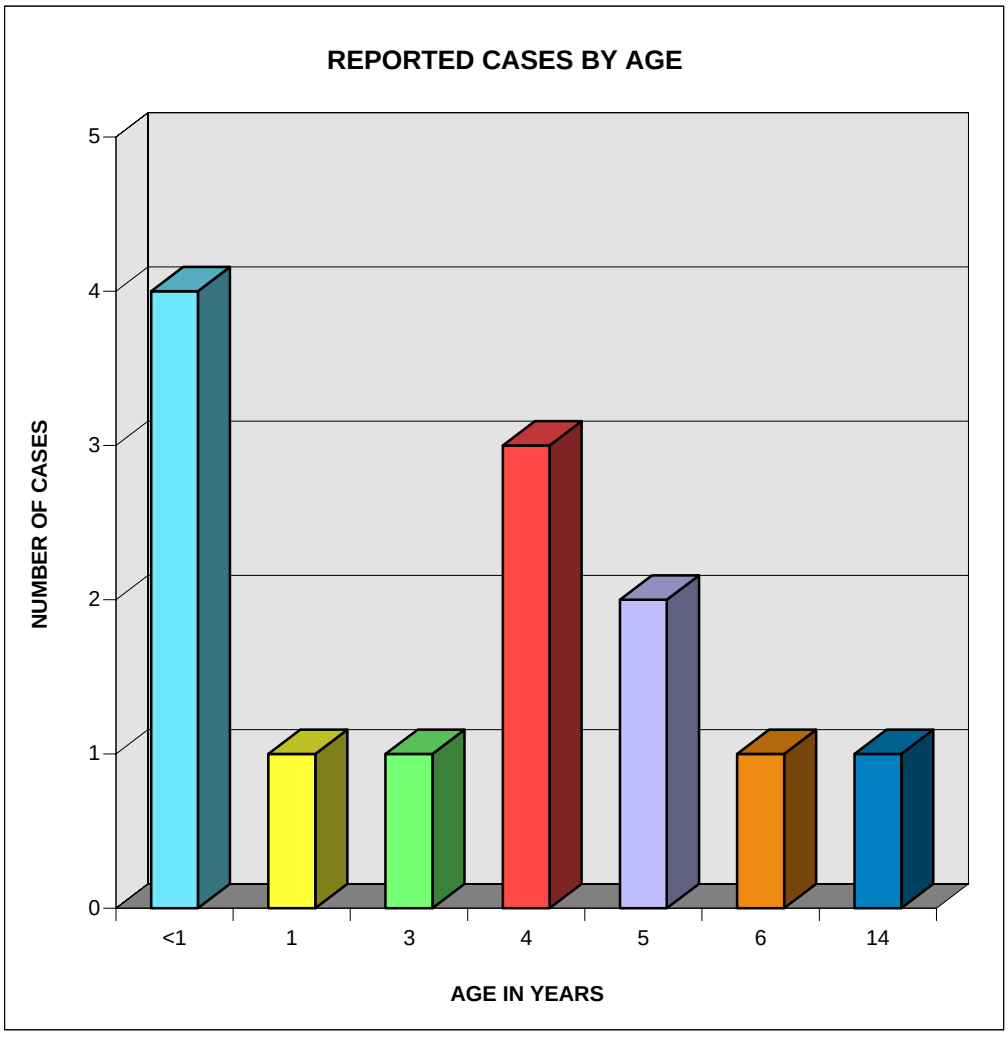
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY SEX, THREE RIVERS HEALTH DISTRICT, 2006

SEX	Number of Cases	Percent of Total
Female	6	46.2%
Male	7	53.8%
Total	13	100.0%



REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY AGE, THREE RIVERS HEALTH DISTRICT, 2006

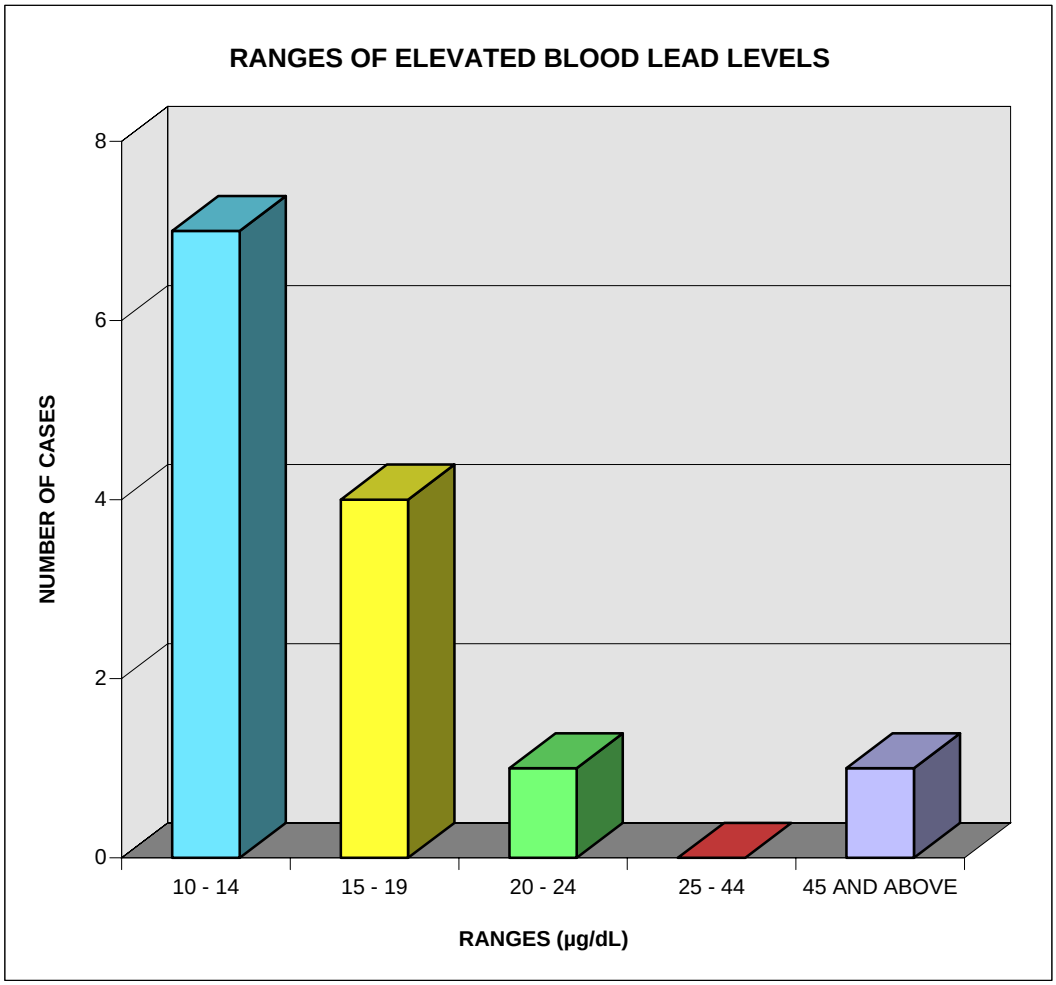
AGE IN YEARS	Number of Cases	Percent of Total
<1	4	30.8%
1	1	7.7%
3	1	7.7%
4	3	23.1%
5	2	15.4%
6	1	7.7%
14	1	7.7%
Total	13	100.0%



REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY RANGE OF ELEVATION, THREE RIVERS HEALTH DISTRICT, 2006

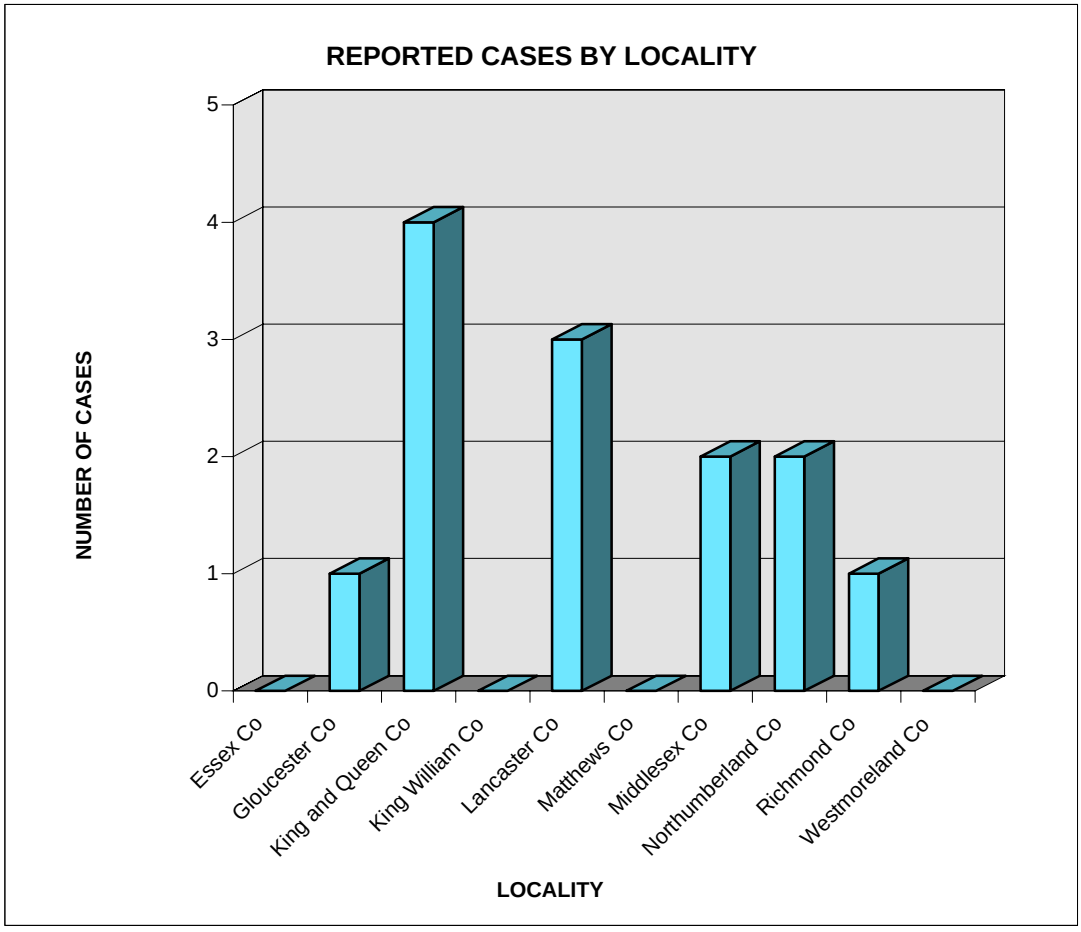
RANGES (µg/dL)*	Number of Cases	Percent of Total
10 - 14	7	53.8%
15 - 19	4	30.8%
20 - 24	1	7.7%
25 - 44	0	0.0%
45 AND ABOVE	1	7.7%
Total	13	100.0%

*Ranges reported in micrograms per deciliter (µg/dL)



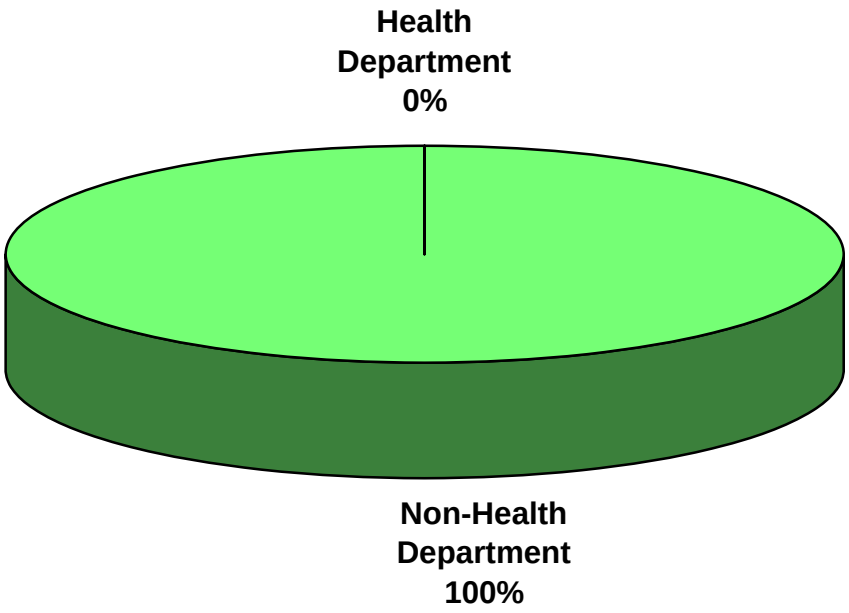
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY LOCALITY, THREE RIVERS HEALTH DISTRICT, 2006

LOCALITY	Number of Cases	Percent of Total
Essex Co	0	0.0%
Gloucester Co	1	7.7%
King and Queen Co	4	30.8%
King William Co	0	0.0%
Lancaster Co	3	23.1%
Matthews Co	0	0.0%
Middlesex Co	2	15.4%
Northumberland Co	2	15.4%
Richmond Co	1	7.7%
Westmoreland Co	0	0.0%
Total	13	100.0%



REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY PATIENT STATUS, THREE RIVERS HEALTH DISTRICT, 2006

PATIENT STATUS	Number of Cases	Percent of Total
Health Department	0	0.0%
Non-Health Department	13	100.0%
Total	13	100.0%



REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY RACE, VIRGINIA BEACH HEALTH DISTRICT, 2006

RACE	Number of Cases	Percent of Total
Asian	2	40.0%
Black	2	40.0%
White	1	20.0%
Total	5	100.0%

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY SEX, VIRGINIA BEACH HEALTH DISTRICT, 2006

SEX	Number of Cases	Percent of Total
Female	3	60.0%
Male	2	40.0%
Total	5	100.0%

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY AGE, VIRGINIA BEACH HEALTH DISTRICT, 2006

AGE IN YEARS	Number of Cases	Percent of Total
1	2	40.0%
2	1	20.0%
5	1	20.0%
10	1	20.0%
Total	5	100.0%

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY RANGE OF ELEVATION, VIRGINIA BEACH HEALTH DISTRICT, 2006

RANGES (µg/dL)*	Number of Cases	Percent of Total
10 - 14	5	100.0%
15 - 19	0	0.0%
20 - 24	0	0.0%
25 - 44	0	0.0%
45 AND ABOVE	0	0.0%
Total	5	100.0%

*Ranges reported in micrograms per deciliter (µg/dL)

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY PATIENT STATUS, VIRGINIA BEACH HEALTH DISTRICT, 2006

PATIENT STATUS	Number of Cases	Percent of Total
Health Department	0	0.0%
Non-Health Department	5	100.0%
Total	5	100.0%

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY RACE, WEST PIEDMONT HEALTH DISTRICT, 2006

RACE	Number of Cases	Percent of Total
Black	1	16.7%
Hispanic	1	16.7%
Unknown	2	33.3%
White	2	33.3%
Total	6	100.0%

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY SEX, WEST PIEDMONT HEALTH DISTRICT, 2006

SEX	Number of Cases	Percent of Total
Female	2	33.3%
Male	4	66.7%
Total	6	100.0%

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY AGE, WEST PIEDMONT HEALTH DISTRICT, 2006

AGE IN YEARS	Number of Cases	Percent of Total
1	2	33.3%
2	2	33.3%
4	1	16.7%
10	1	16.7%
Total	6	100.0%

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS BY RANGE OF ELEVATION, WEST PIEDMONT HEALTH DISTRICT, 2006

RANGES (µg/dL)*	Number of Cases	Percent of Total
10 - 14	4	66.7%
15 - 19	1	16.7%
20 - 24	1	16.7%
25 - 44	0	0.0%
45 AND ABOVE	0	0.0%
Total	6	100.0%

*Ranges reported in micrograms per deciliter (µg/dL)

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS BY LOCALITY, WEST PIEDMONT HEALTH DISTRICT, 2006

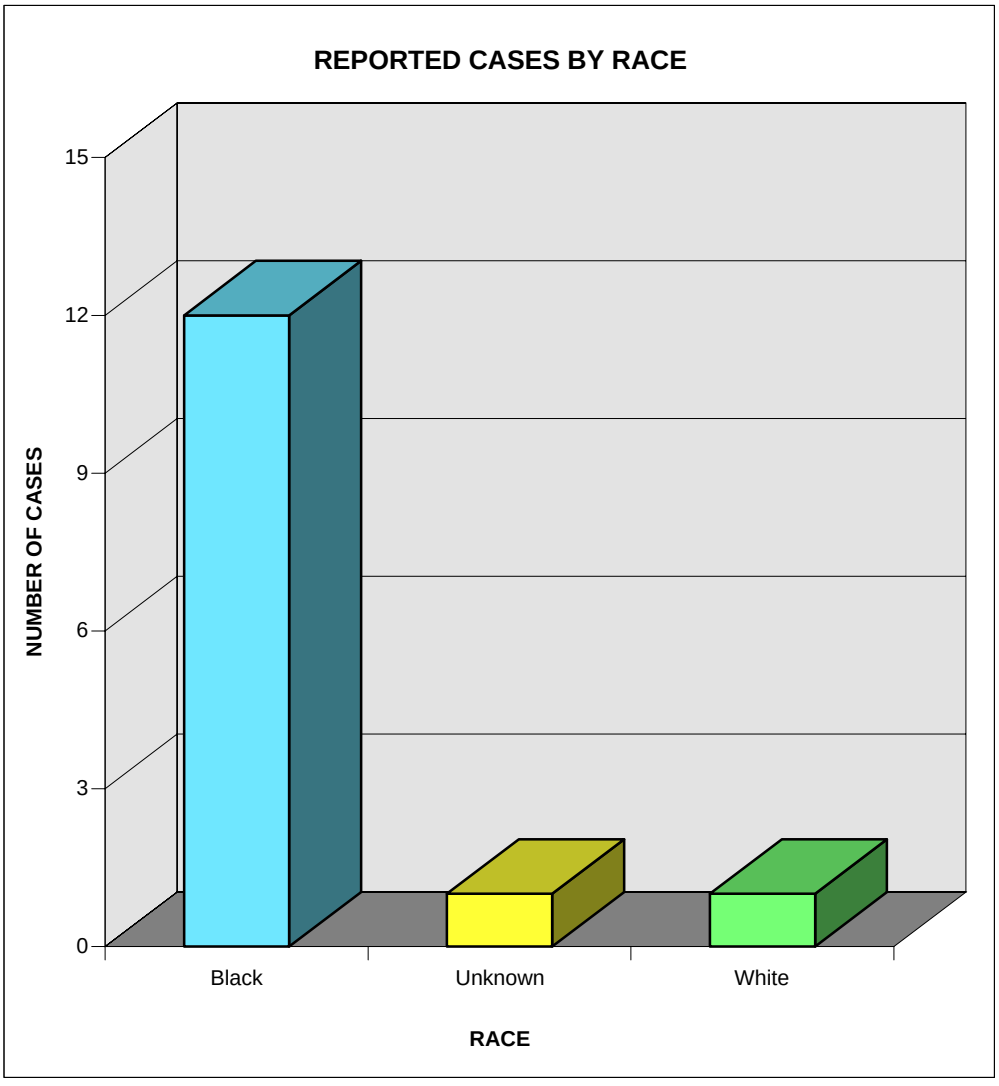
LOCALITY	Number of Cases	Percent of Total
Franklin Co	3	50.0%
Henry Co	2	33.3%
Patrick Co	1	16.7%
Total	6	100.0%

REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS BY PATIENT STATUS, WEST PIEDMONT HEALTH DISTRICT, 2006

PATIENT STATUS	Number of Cases	Percent of Total
Health Department	1	16.7%
Non-Health Department	5	83.3%
Total	6	100.0%

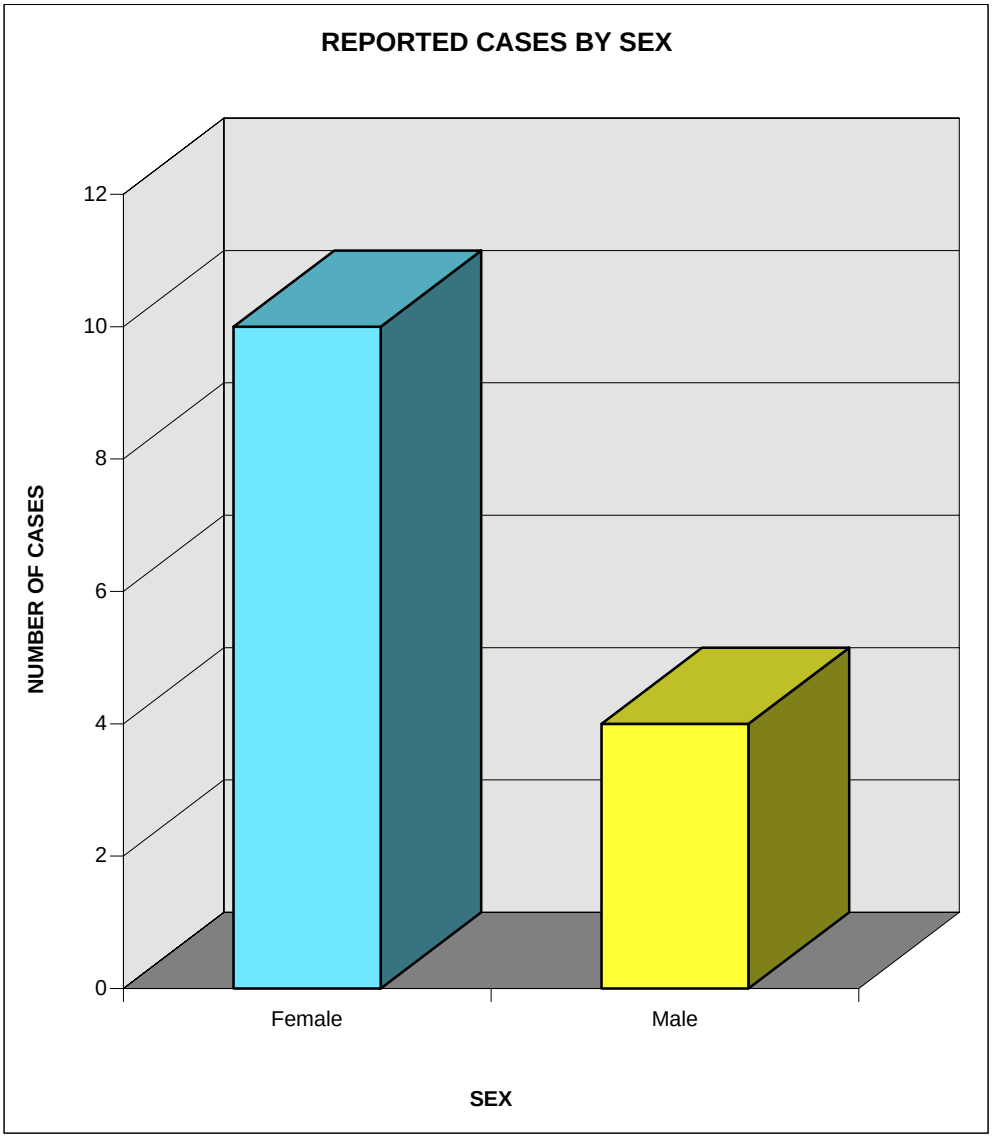
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY RACE, WESTERN TIDEWATER HEALTH DISTRICT, 2006

RACE	Number of Cases	Percent of Total
Black	12	85.7%
Unknown	1	7.1%
White	1	7.1%
Total	14	100.0%



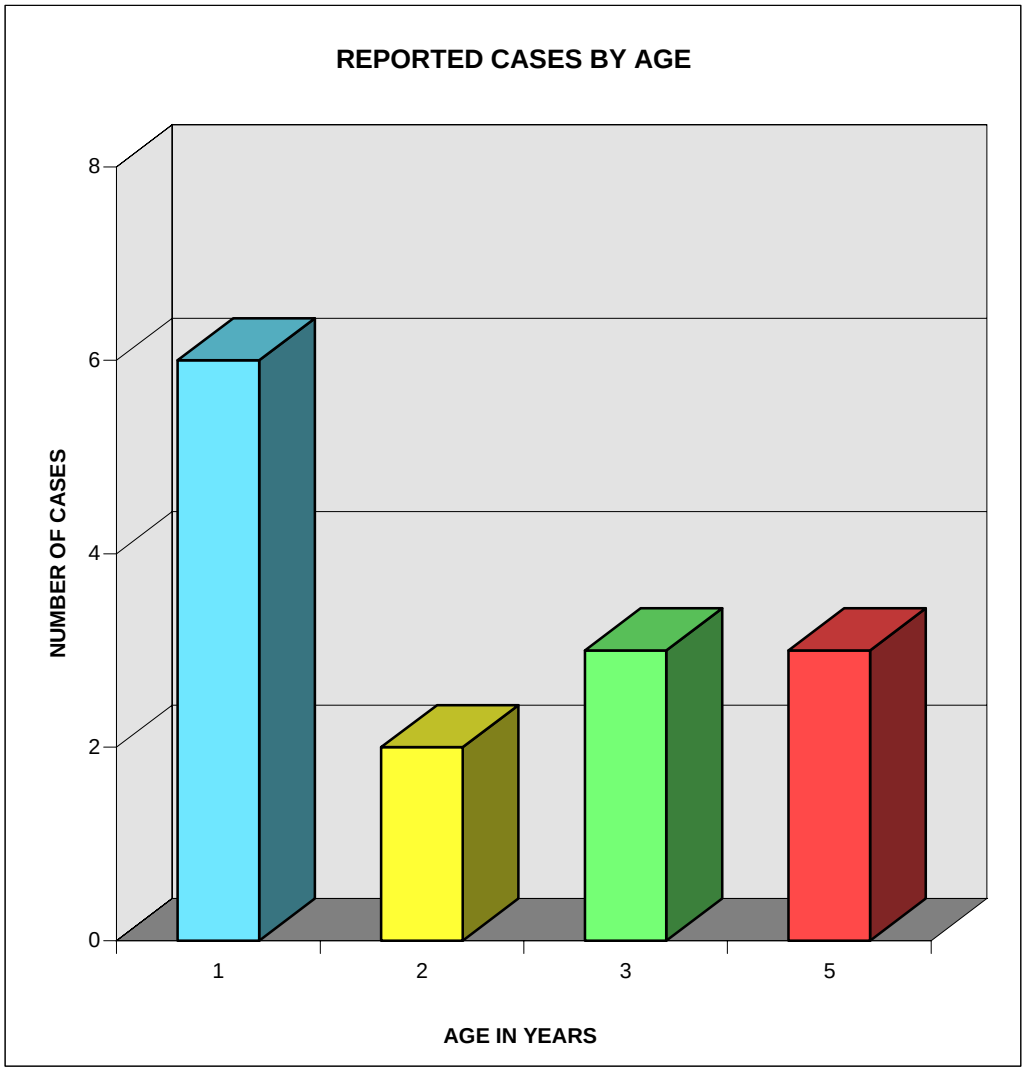
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY SEX, WESTERN TIDEWATER HEALTH DISTRICT, 2006

SEX	Number of Cases	Percent of Total
Female	10	71.4%
Male	4	28.6%
Total	14	100.0%



REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY AGE, WESTERN TIDEWATER HEALTH DISTRICT, 2006

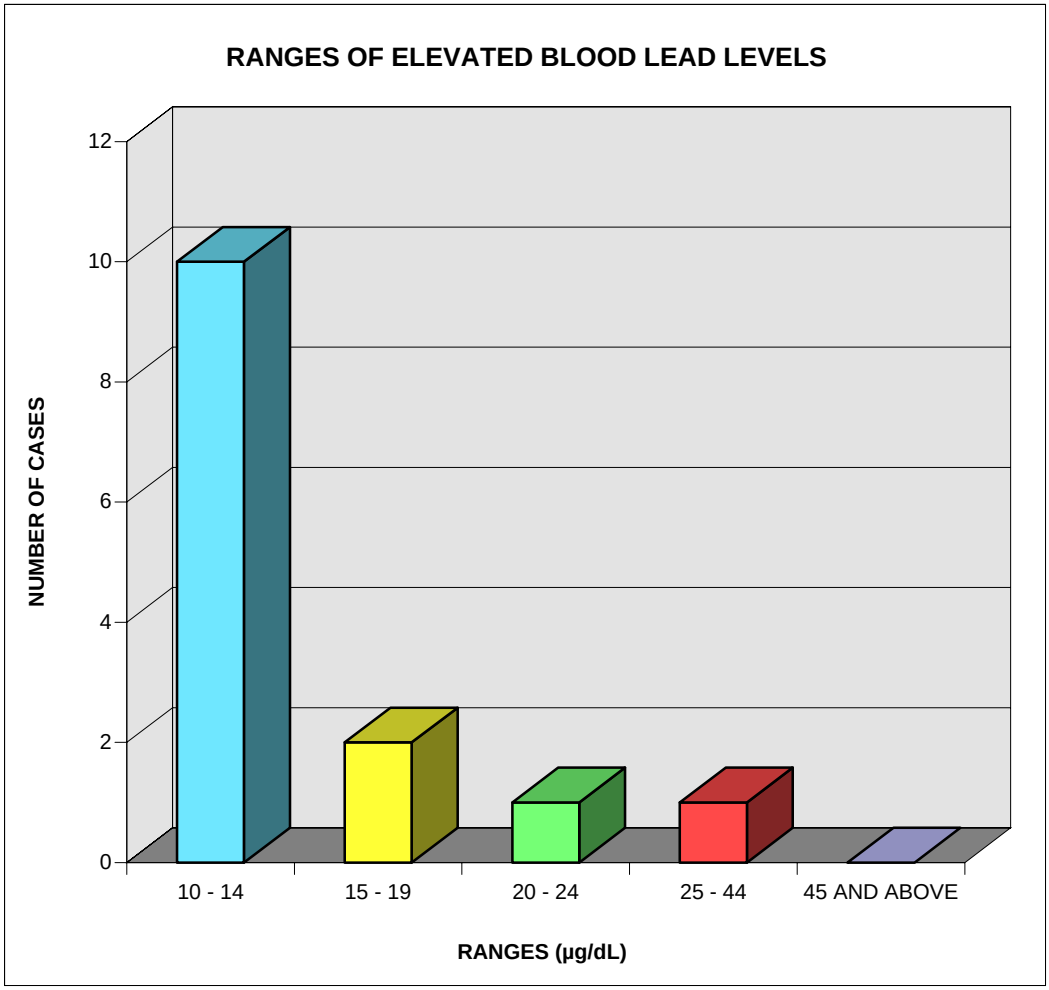
AGE IN YEARS	Number of Cases	Percent of Total
1	6	42.9%
2	2	14.3%
3	3	21.4%
5	3	21.4%
Total	14	100.0%



REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY RANGE OF ELEVATION, WESTERN TIDEWATER HEALTH DISTRICT, 2006

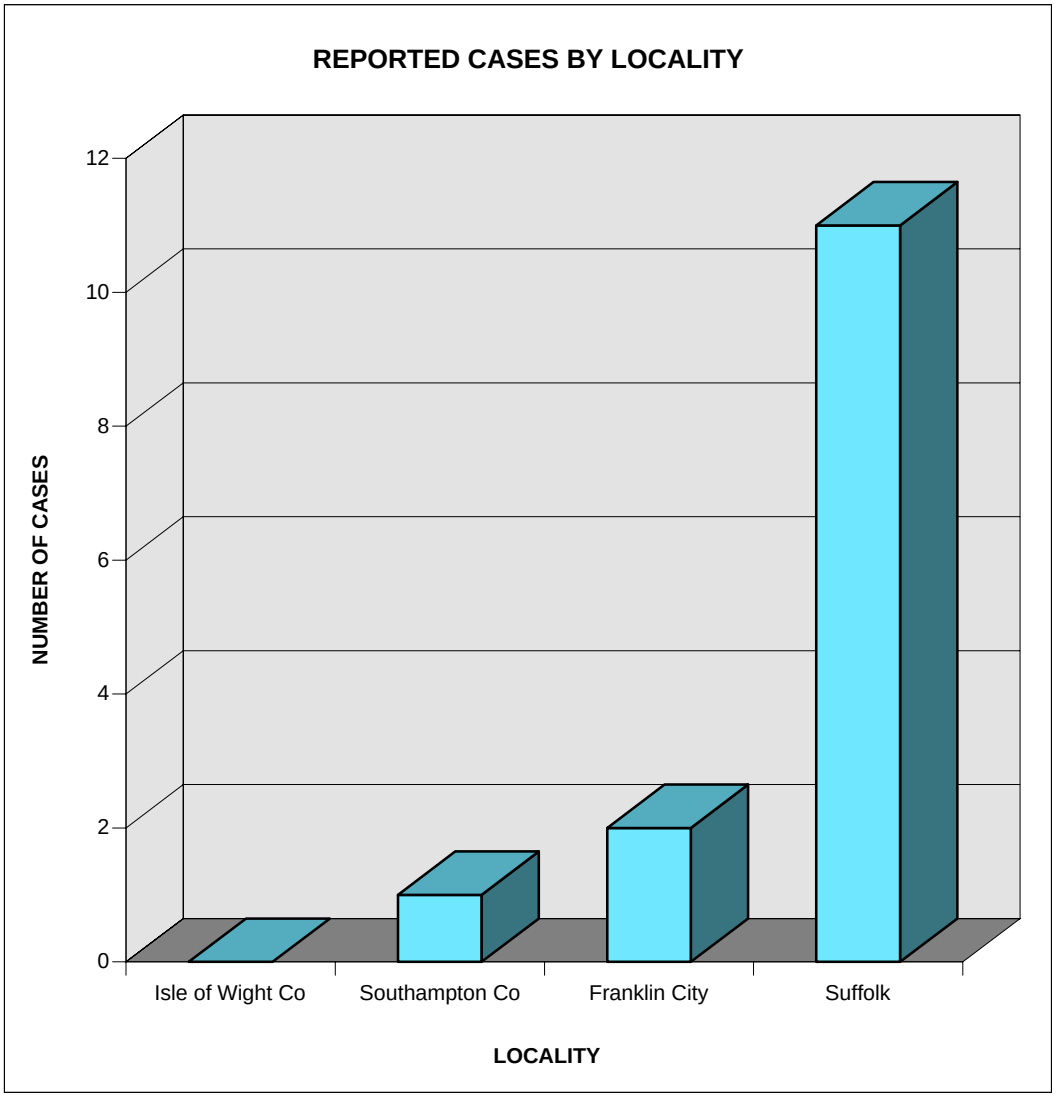
RANGES (µg/dL)*	Number of Cases	Percent of Total
10 - 14	10	71.4%
15 - 19	2	14.3%
20 - 24	1	7.1%
25 - 44	1	7.1%
45 AND ABOVE	0	0.0%
Total	14	100.0%

*Ranges reported in micrograms per deciliter (µg/dL)



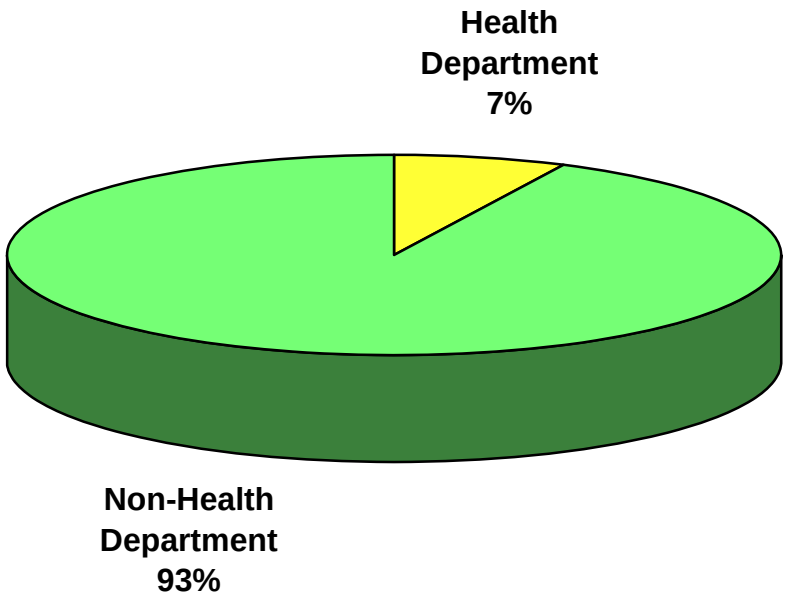
REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY LOCALITY, WESTERN TIDEWATER HEALTH DISTRICT, 2006

LOCALITY	Number of Cases	Percent of Total
Isle of Wight Co	0	0.0%
Southampton Co	1	7.1%
Franklin City	2	14.3%
Suffolk	11	78.6%
Total	14	100.0%



REPORTED CASES OF CHILDHOOD ELEVATED BLOOD LEAD LEVELS
BY PATIENT STATUS, WESTERN TIDEWATER HEALTH DISTRICT, 2006

PATIENT STATUS	Number of Cases	Percent of Total
Health Department	1	7.1%
Non-Health Department	13	92.9%
Total	14	100.0%



Lead - Elevated Blood Levels in Children
Incidence Rate by Locality, Virginia, 2006

Lead - Elevated Blood Levels in Children
Number of Cases by Locality, Virginia, 2006